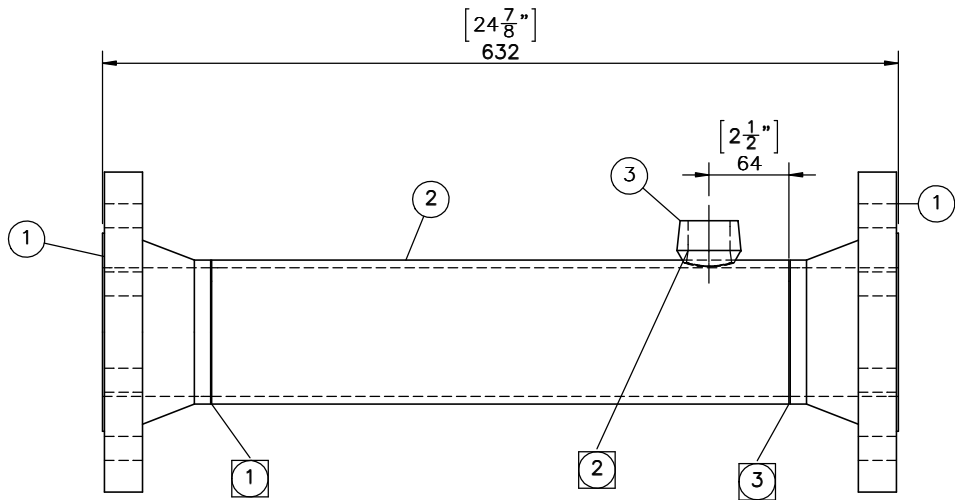
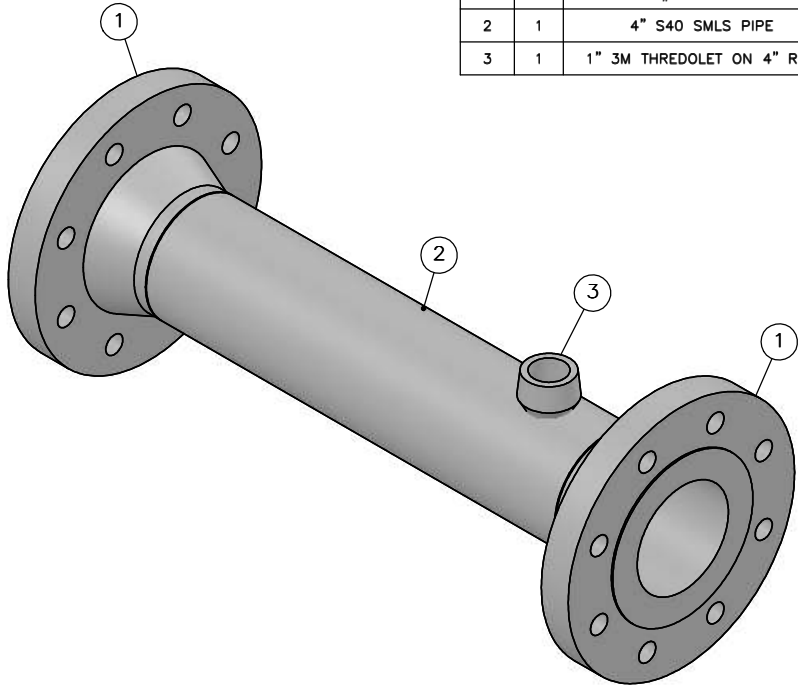


THIS DRAWING IS THE PROPERTY OF ENLYN PROCESS SYSTEMS AND IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN FOR WHICH IT IS INTENDED

WELD IDENTIFIER	WELDER I.D	X-RAY NUMBER
1		
2		
3		



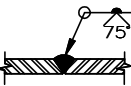
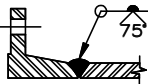
BILL OF MATERIALS

ITEM	QTY	DESCRIPTION	CUT LIST	MATERIAL	HEAT NO
1	2	4" 300# S40 RFWN FLG		SA-105N	
2	1	4" S40 SMLS PIPE	458mm	SA-106B	
3	1	1" 3M THREDOLET ON 4" RUN		SA-105N	

- GENERAL NOTES:
- ALL PIPE LENGTHS AND OVERALL DIMENSIONS INCLUDE 1MM WELD GAPS
 - ALL BOLTHOLES STRADDLE CENTERLINES UNLESS OTHERWISE NOTED.

CONSTRUCTION PER B31.3 2012 EDITION

P&ID LINE NUMBER:	IN-4"-40-100
MAWP:	720 PSIG
HYDROTEST:	1080 PSIG
RADIOGRAPHY:	100%
MT:	10% FILLET
VT:	100%
PWHT PER UCS-56:	YES, 1150°F ±25°F FOR 60 MINUTES
DESIGN TEMP:	-20°C TO 100°F
PREHEAT:	50°F
IMPACT TEST:	NONE
QC PROGRAM:	AQP-1543
WELD PROCEDURE REGISTRATION:	WP-3221.2
TEST MEDIUM:	WATER
CORROSION ALLOWANCE:	1/8"
SERVICE:	NORMAL FLUID
EXT. SANDBLAST & PAINT:	SSPC-SP6 & 2 COATS DTM POLY ENAMEL QC-315 TAN

	3
WPS: EC-2, REV.1	
	6
WPS: EC-2, REV.1	
	4
WPS: EC-2, REV.1	

0	ISSUED FOR CONSTRUCTION	JRB	01.28.15		
REV	DESCRIPTION	DWN BY	DATE	CHK	APP
REVISIONS					



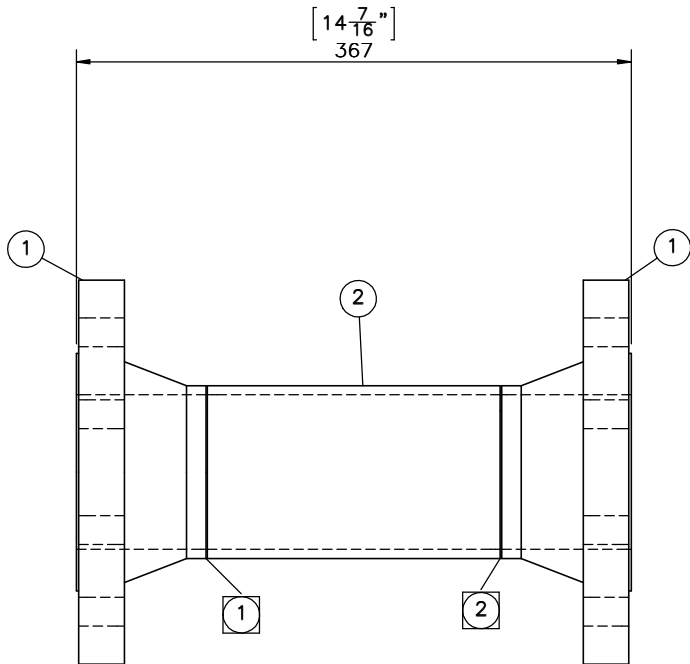
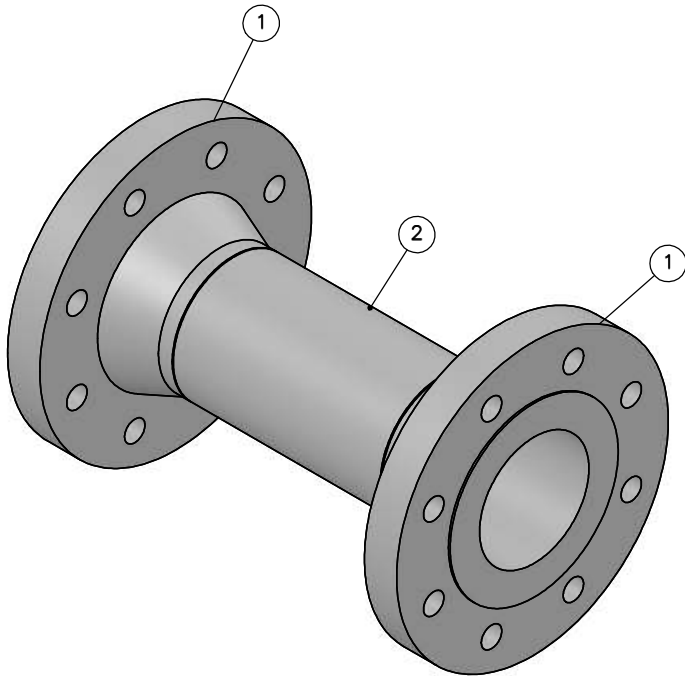
B31.3 WELD SPOOLING

DWN	BY	DATE	Customer:			
CHK	JRB		ENLYN STOCK			
ENG APP	MR		DWG NO: E10-D	REV 0	SHT 1/22	Shop Order: E10
QC APP	QC, DH					

THIS DRAWING IS THE PROPERTY OF ENLYN PROCESS SYSTEMS AND IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN FOR WHICH IT IS INTENDED

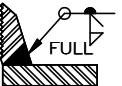
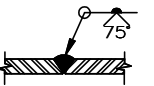
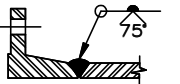
WELD IDENTIFIER	WELDER I.D	X-RAY NUMBER
1		
2		

BILL OF MATERIALS					
ITEM	QTY	DESCRIPTION	CUT LIST	MATERIAL	HEAT NO
1	2	4" 300# S40 RFWN FLG		SA-105N	
2	1	4" S40 SMLS PIPE	194mm	SA-106B	



GENERAL NOTES:
1. ALL PIPE LENGTHS AND OVERALL DIMENSIONS INCLUDE 1MM WELD GAPS
2. ALL BOLTHOLES STRADDLE CENTERLINES UNLESS OTHERWISE NOTED.

CONSTRUCTION PER B31.3 2012 EDITION	
P&ID LINE NUMBER:	IN-4"-40-101
MAWP:	720 PSIG
HYDROTEST:	1080 PSIG
RADIOGRAPHY:	100%
MT:	10% FILLET
VT:	100%
PWHT PER UCS-56:	YES, 1150°F ±25°F FOR 60 MINUTES
DESIGN TEMP:	-20°C TO 100°F
PREHEAT:	50°F
IMPACT TEST:	NONE
QC PROGRAM:	AQP-1543
WELD PROCEDURE REGISTRATION:	WP-3221.2
TEST MEDIUM:	WATER
CORROSION ALLOWANCE:	1/8"
SERVICE:	NORMAL FLUID
EXT. SANDBLAST & PAINT:	SSPC-SP6 & 2 COATS DTM POLY ENAMEL QC-315 TAN

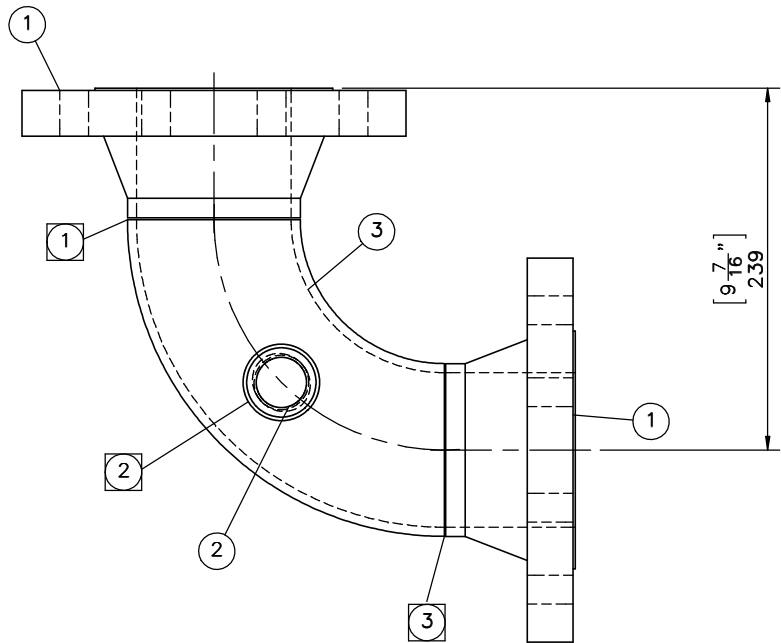
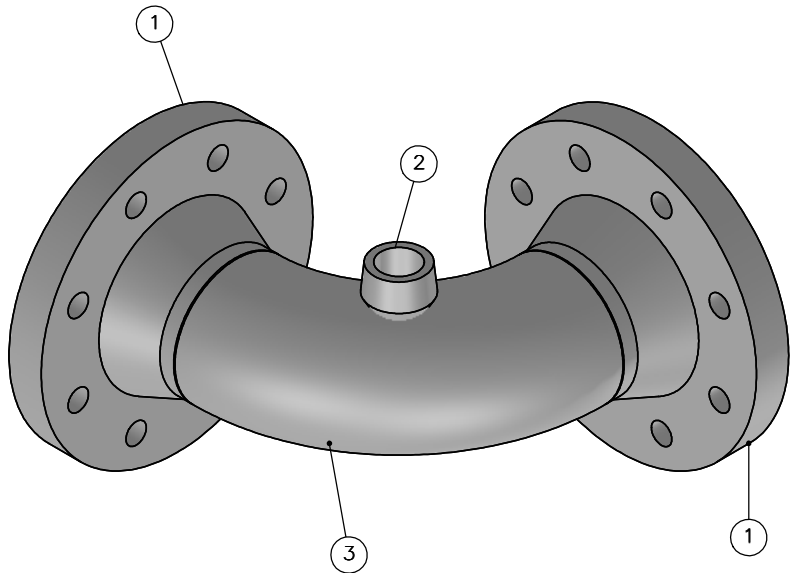
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WPS: EC-2, REV.1	
	6
WPS: EC-2, REV.1	
	4
WPS: EC-2, REV.1	

0	ISSUED FOR CONSTRUCTION	JRB	01.28.15		
REV	DESCRIPTION	DWN BY	DATE	CHK	APP
REVISIONS					

		B31.3 WELD SPOOLING			
		Customer:		ENLYN STOCK	
		DWG NO:	REV	SHT	Shop Order:
		E10-D	0	2/22	E10

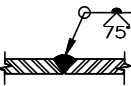
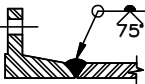
THIS DRAWING IS THE PROPERTY OF ENLYN PROCESS SYSTEMS AND IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN FOR WHICH IT IS INTENDED

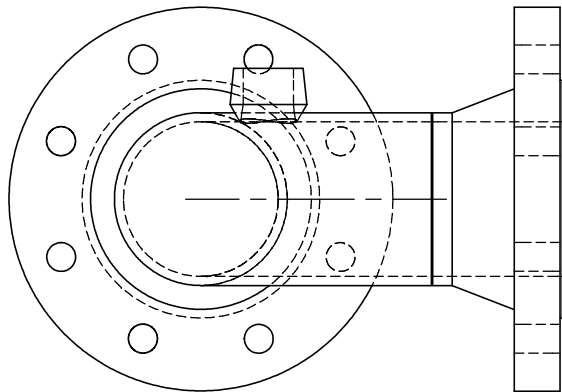
WELD IDENTIFIER	WELDER I.D	X-RAY NUMBER
1		
2		
3		



- GENERAL NOTES:
1. ALL PIPE LENGTHS AND OVERALL DIMENSIONS INCLUDE 1MM WELD GAPS
 2. ALL BOLTHOLES STRADDLE CENTERLINES UNLESS OTHERWISE NOTED.

CONSTRUCTION PER B31.3 2012 EDITION	
P&ID LINE NUMBER:	IN-4"-40-102
MAWP:	720 PSIG
HYDROTEST:	1080 PSIG
RADIOGRAPHY:	100%
MT:	10% FILLET
VT:	100%
PWHT PER UCS-56:	YES, 1150°F ±25°F FOR 60 MINUTES
DESIGN TEMP:	-20°C TO 100°F
PREHEAT:	50°F
IMPACT TEST:	NONE
QC PROGRAM:	AQP-1543
WELD PROCEDURE REGISTRATION:	WP-3221.2
TEST MEDIUM:	WATER
CORROSION ALLOWANCE:	1/8"
SERVICE:	NORMAL FLUID
EXT. SANDBLAST & PAINT:	SSPC-SP6 & 2 COATS DTM POLY ENAMEL QC-315 TAN

	3
WPS: EC-2, REV.1	
	6
WPS: EC-2, REV.1	
	4
WPS: EC-2, REV.1	



0	ISSUED FOR CONSTRUCTION	JRB	01.28.15		
REV	DESCRIPTION	DWN BY	DATE	CHK	APP
REVISIONS					



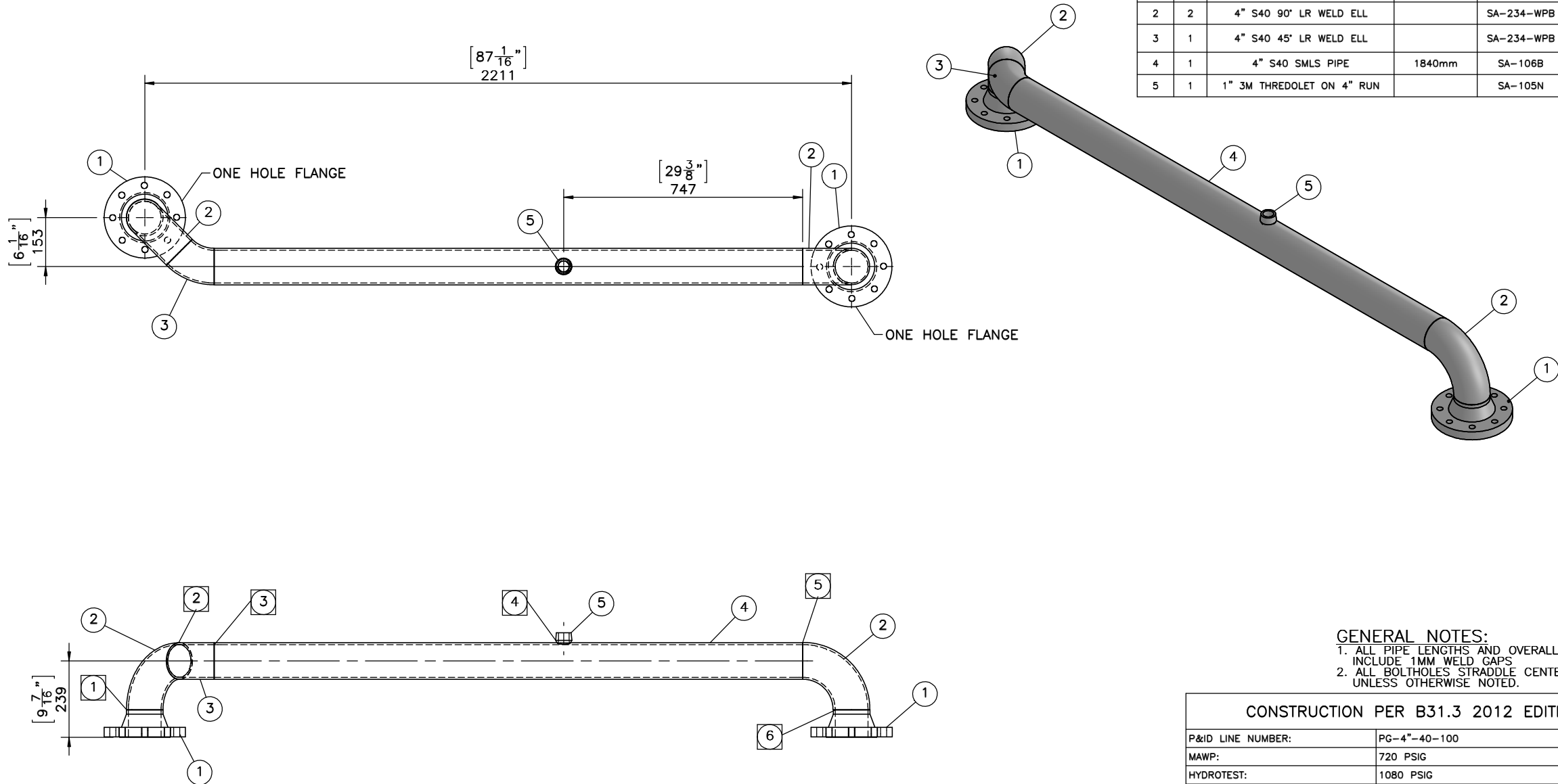
B31.3 WELD SPOOLING

Customer:			
ENLYN STOCK			
DWG NO:	REV	SHT	Shop Order:
E10-D	0	3/22	E10

BY	DATE
JRB	
MR	
QC, DH	
QC APP	

THIS DRAWING IS THE PROPERTY OF ENLYN PROCESS SYSTEMS AND IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN FOR WHICH IT IS INTENDED

WELD IDENTIFIER	WELDER I.D	X-RAY NUMBER
1		
2		
3		
4		
5		
6		



GENERAL NOTES:
1. ALL PIPE LENGTHS AND OVERALL DIMENSIONS INCLUDE 1MM WELD GAPS
2. ALL BOLTHOLES STRADDLE CENTERLINES UNLESS OTHERWISE NOTED.

CONSTRUCTION PER B31.3 2012 EDITION

P&ID LINE NUMBER:	PG-4"-40-100
MAWP:	720 PSIG
HYDROTEST:	1080 PSIG
RADIOGRAPHY:	100%
MT:	10% FILLET
VT:	100%
PWHT PER UCS-56:	YES, 1150°F ±25°F FOR 60 MINUTES
DESIGN TEMP:	-20°C TO 100°F
PREHEAT:	50°F
IMPACT TEST:	NONE
QC PROGRAM:	AQP-1543
WELD PROCEDURE REGISTRATION:	WP-3221.2
TEST MEDIUM:	WATER
CORROSION ALLOWANCE:	1/8"
SERVICE:	NORMAL FLUID
EXT. SANDBLAST & PAINT:	SSPC-SP6 & 2 COATS DTM POLY ENAMEL QC-315 TAN



B31.3 WELD SPOOLING

0	ISSUED FOR CONSTRUCTION	JRB	01.28.15		
REV	DESCRIPTION	DWN BY	DATE	CHK	APP
REVISIONS					

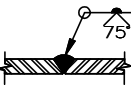
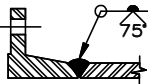
	BY	DATE
DWN	JRB	
CHK	MR	
ENG APP	QC, DH	
QC APP		

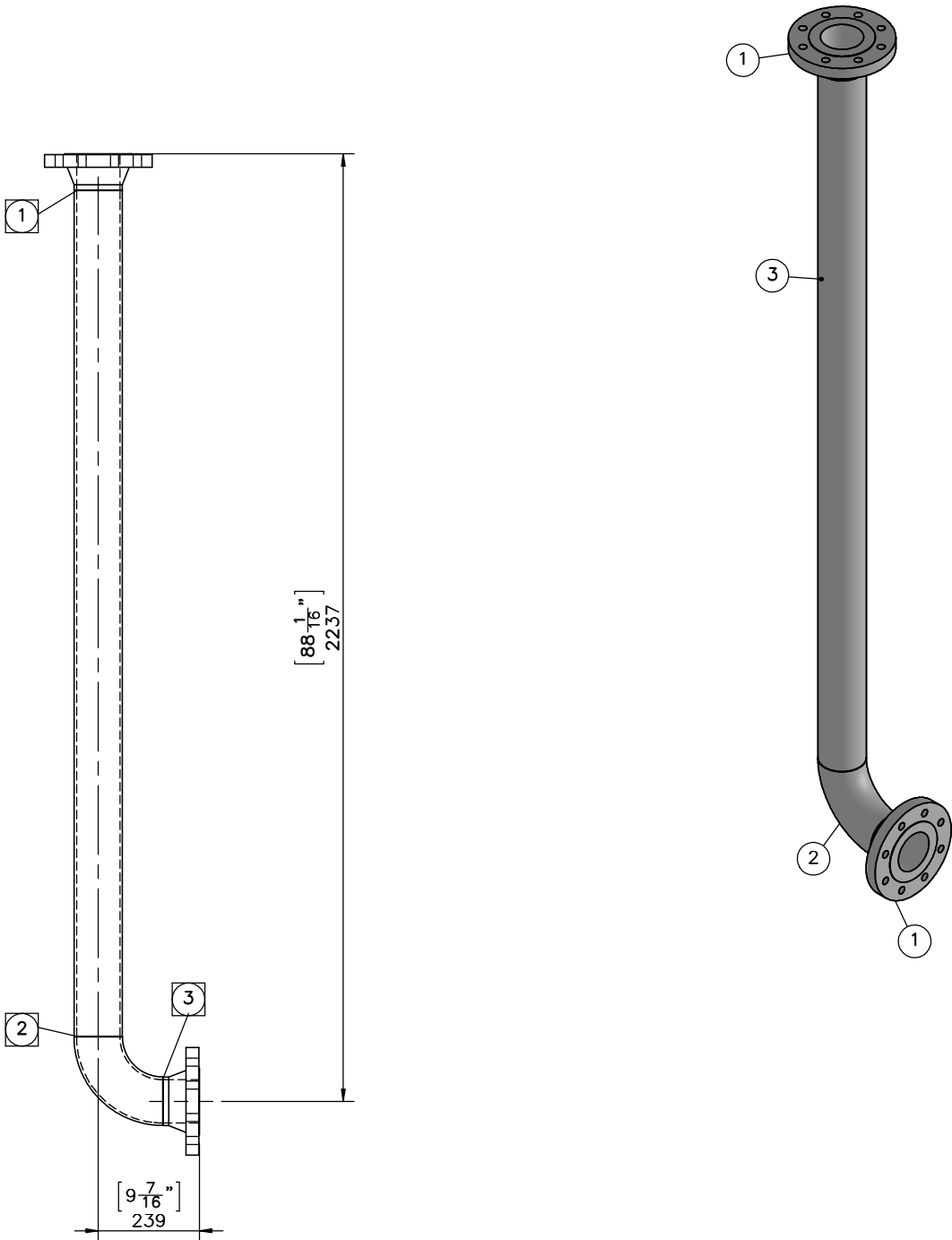
Customer: ENLYN STOCK			
DWG NO: E10-D	REV 0	SHT 4/22	Shop Order: E10

	3
WPS: EC-2, REV.1	
	6
WPS: EC-2, REV.1	
	4
WPS: EC-2, REV.1	

THIS DRAWING IS THE PROPERTY OF ENLYN PROCESS SYSTEMS AND IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN FOR WHICH IT IS INTENDED

WELD IDENTIFIER	WELDER I.D	X-RAY NUMBER
1		
2		
3		

	3
WPS: EC-2, REV.1	
	6
WPS: EC-2, REV.1	
	4
WPS: EC-2, REV.1	



BILL OF MATERIALS					
ITEM	QTY	DESCRIPTION	CUT LIST	MATERIAL	HEAT NO
1	2	4" 300# S40 RFWN FLG		SA-105N	
2	1	4" S40 90° LR WELD ELL		SA-234-WPB	
3	1	4" S40 SMLS PIPE	1997mm	SA-106B	

GENERAL NOTES:
1. ALL PIPE LENGTHS AND OVERALL DIMENSIONS INCLUDE 1MM WELD GAPS
2. ALL BOLTHOLES STRADDLE CENTERLINES UNLESS OTHERWISE NOTED.

CONSTRUCTION PER B31.3 2012 EDITION	
P&ID LINE NUMBER:	PG-4"-40-101
MAWP:	720 PSIG
HYDROTEST:	1080 PSIG
RADIOGRAPHY:	100%
MT:	10% FILLET
VT:	100%
PWHT PER UCS-56:	YES, 1150°F ±25°F FOR 60 MINUTES
DESIGN TEMP:	-20°C TO 100°F
PREHEAT:	50°F
IMPACT TEST:	NONE
QC PROGRAM:	AQP-1543
WELD PROCEDURE REGISTRATION:	WP-3221.2
TEST MEDIUM:	WATER
CORROSION ALLOWANCE:	1/8"
SERVICE:	NORMAL FLUID
EXT. SANDBLAST & PAINT:	SSPC-SP6 & 2 COATS DTM POLY ENAMEL QC-315 TAN



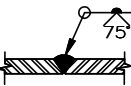
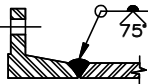
B31.3 WELD SPOOLING

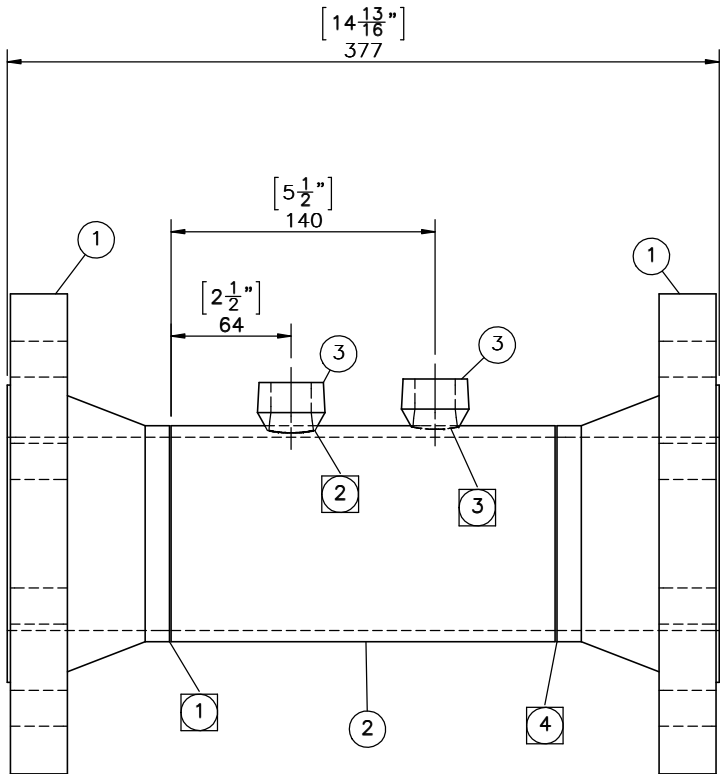
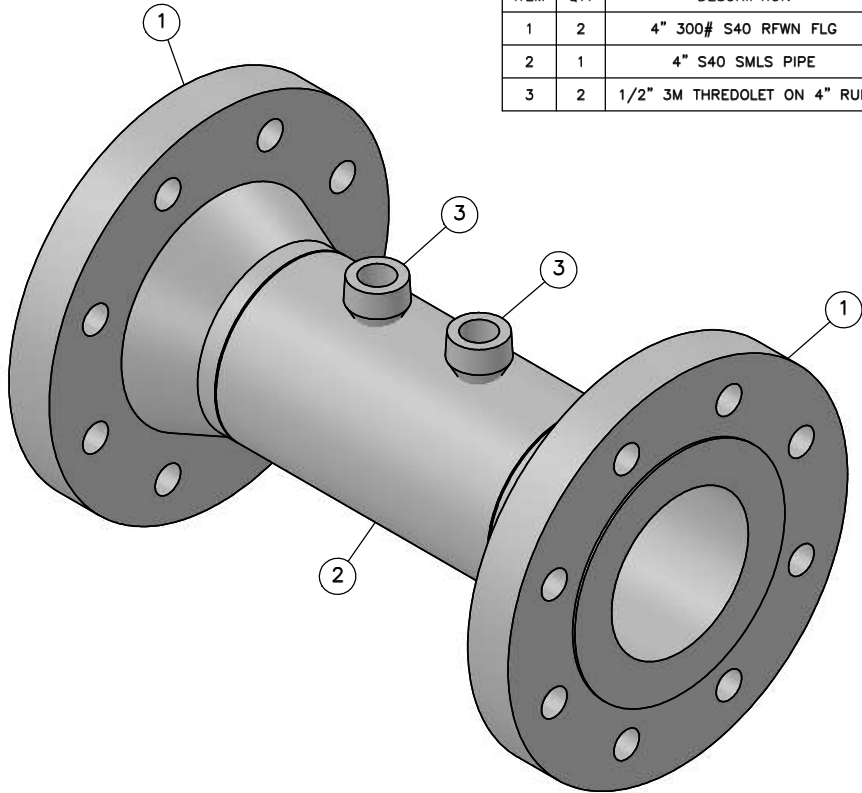
0	ISSUED FOR CONSTRUCTION	JRB	01.28.15		
REV	DESCRIPTION	DWN BY	DATE	CHK	APP
REVISIONS					

BY	DATE	Customer:			
DWN	JRB	ENLYN STOCK			
CHK	MR				
ENG APP	QC, DH				
QC APP					
DWG NO: E10-D		REV 0	SHT 5/22	Shop Order: E10	

THIS DRAWING IS THE PROPERTY OF ENLYN PROCESS SYSTEMS AND IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN FOR WHICH IT IS INTENDED

WELD IDENTIFIER	WELDER I.D	X-RAY NUMBER
1		
2		
3		
4		

	3
WPS: EC-2, REV.1	
	6
WPS: EC-2, REV.1	
	4
WPS: EC-2, REV.1	



BILL OF MATERIALS

ITEM	QTY	DESCRIPTION	CUT LIST	MATERIAL	HEAT NO
1	2	4" 300# S40 RFWN FLG		SA-105N	
2	1	4" S40 SMLS PIPE	203mm	SA-106B	
3	2	1/2" 3M THREDOLET ON 4" RUN		SA-105N	

- GENERAL NOTES:
1. ALL PIPE LENGTHS AND OVERALL DIMENSIONS INCLUDE 1MM WELD GAPS
 2. ALL BOLTHOLES STRADDLE CENTERLINES UNLESS OTHERWISE NOTED.

CONSTRUCTION PER B31.3 2012 EDITION	
P&ID LINE NUMBER:	PG-4"-40-102
MAWP:	720 PSIG
HYDROTEST:	1080 PSIG
RADIOGRAPHY:	100%
MT:	10% FILLET
VT:	100%
PWHT PER UCS-56:	YES, 1150°F ±25°F FOR 60 MINUTES
DESIGN TEMP:	-20°C TO 100°F
PREHEAT:	50°F
IMPACT TEST:	NONE
QC PROGRAM:	AQP-1543
WELD PROCEDURE REGISTRATION:	WP-3221.2
TEST MEDIUM:	WATER
CORROSION ALLOWANCE:	1/8"
SERVICE:	NORMAL FLUID
EXT. SANDBLAST & PAINT:	SSPC-SP6 & 2 COATS DTM POLY ENAMEL QC-315 TAN



B31.3 WELD SPOOLING

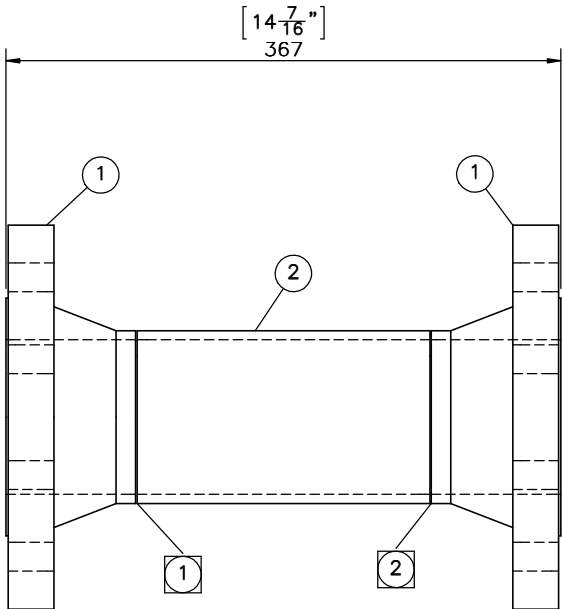
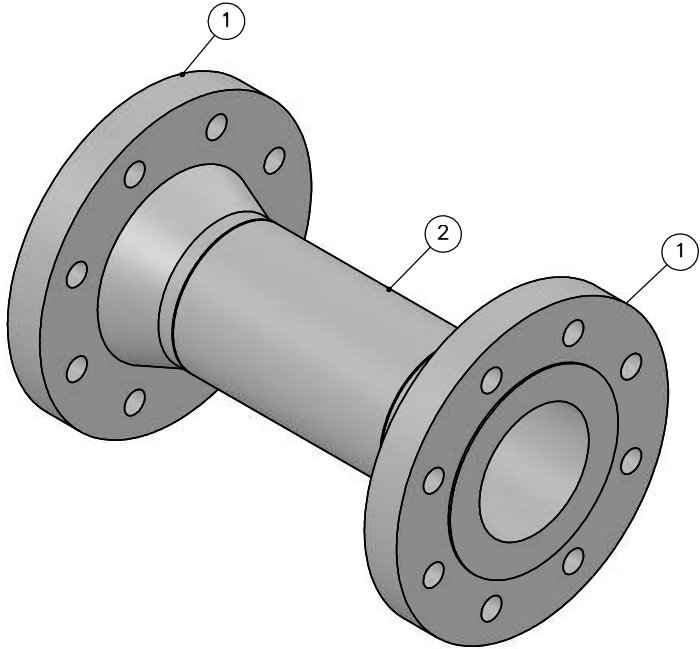
0	ISSUED FOR CONSTRUCTION	JRB	01.28.15		
REV	DESCRIPTION	DWN BY	DATE	CHK	APP
REVISIONS					

	BY	DATE	Customer:			
DWN	JRB		ENLYN STOCK			
CHK	MR		DWG NO: E10-D	REV 0	SHT 6/22	Shop Order: E10
ENG APP	QC, DH					
QC APP						

THIS DRAWING IS THE PROPERTY OF ENLYN PROCESS SYSTEMS AND IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN FOR WHICH IT IS INTENDED

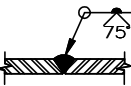
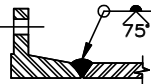
WELD IDENTIFIER	WELDER I.D	X-RAY NUMBER
1		
2		

BILL OF MATERIALS					
ITEM	QTY	DESCRIPTION	CUT LIST	MATERIAL	HEAT NO
1	2	4" 300# S40 RFWN FLG		SA-105N	
2	1	4" S40 SMLS PIPE	194mm	SA-106B	



- GENERAL NOTES:
1. ALL PIPE LENGTHS AND OVERALL DIMENSIONS INCLUDE 1MM WELD GAPS
 2. ALL BOLTHOLES STRADDLE CENTERLINES UNLESS OTHERWISE NOTED.

CONSTRUCTION PER B31.3 2012 EDITION	
P&ID LINE NUMBER:	PG-4"-40-103
MAWP:	720 PSIG
HYDROTEST:	1080 PSIG
RADIOGRAPHY:	100%
MT:	10% FILLET
VT:	100%
PWHT PER UCS-56:	YES, 1150°F ±25°F FOR 60 MINUTES
DESIGN TEMP:	-20°C TO 100°F
PREHEAT:	50°F
IMPACT TEST:	NONE
QC PROGRAM:	AQP-1543
WELD PROCEDURE REGISTRATION:	WP-3221.2
TEST MEDIUM:	WATER
CORROSION ALLOWANCE:	1/8"
SERVICE:	NORMAL FLUID
EXT. SANDBLAST & PAINT:	SSPC-SP6 & 2 COATS DTM POLY ENAMEL QC-315 TAN

	3
WPS: EC-2, REV.1	
	6
WPS: EC-2, REV.1	
	4
WPS: EC-2, REV.1	

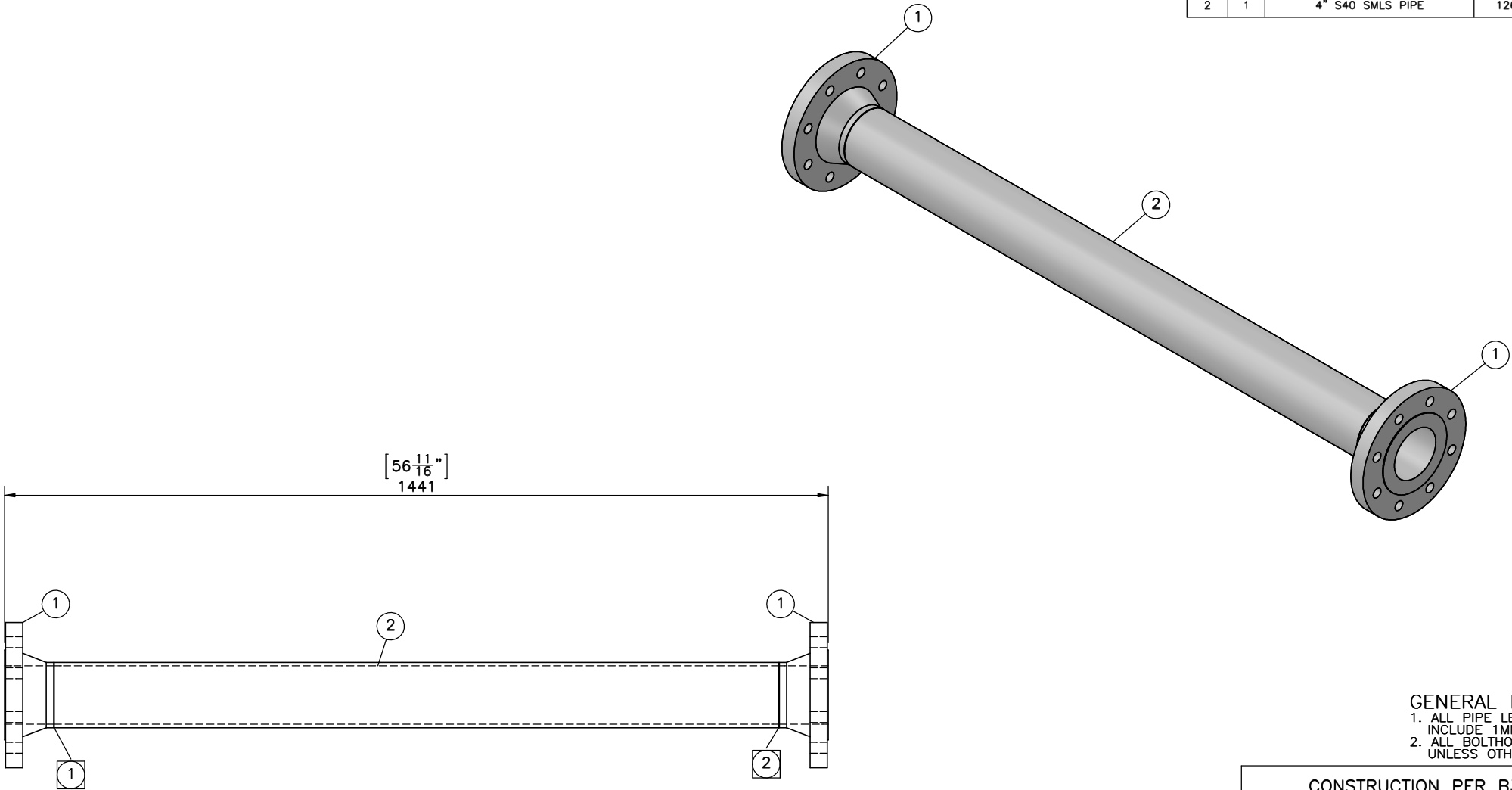
0	ISSUED FOR CONSTRUCTION	JRB	01.28.15		
REV	DESCRIPTION	DWN BY	DATE	CHK	APP
REVISIONS					

			B31.3 WELD SPOOLING			
			Customer: ENLYN STOCK			
			DWG NO: E10-D	REV 0	SHT 7/22	Shop Order: E10

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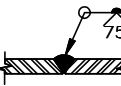
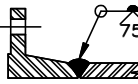
WELD IDENTIFIER	WELDER I.D	X-RAY NUMBER
1		
2		

BILL OF MATERIALS					
ITEM	QTY	DESCRIPTION	CUT LIST	MATERIAL	HEAT NO
1	2	4" 300# S40 RFWN FLG		SA-105N	
2	1	4" S40 SMLS PIPE	1267mm	SA-106B	



GENERAL NOTES:
1. ALL PIPE LENGTHS AND OVERALL DIMENSIONS
INCLUDE 1MM WELD GAPS
2. ALL BOLTHOLES STRADDLE CENTERLINES
UNLESS OTHERWISE NOTED.

CONSTRUCTION PER B31.3 2012 EDITION	
P&ID LINE NUMBER:	PG-4"-40-104
MAWP:	720 PSIG
HYDROTEST:	1080 PSIG
RADIOGRAPHY:	100%
MT:	10% FILLET
VT:	100%
PWHT PER UCS-56:	YES, 1150°F ±25°F FOR 60 MINUTES
DESIGN TEMP:	-20°C TO 100°F
PREHEAT:	50°F
IMPACT TEST:	NONE
QC PROGRAM:	AQP-1543
WELD PROCEDURE REGISTRATION:	WP-3221.2
TEST MEDIUM:	WATER
CORROSION ALLOWANCE:	1/8"
SERVICE:	NORMAL FLUID
EXT. SANDBLAST & PAINT:	SSPC-SP6 & 2 COATS DTM POLY ENAMEL QC-315 TAN

	3
WPS: EC-2, REV.1	
	6
WPS: EC-2, REV.1	
	4
WPS: EC-2, REV.1	

0	ISSUED FOR CONSTRUCTION	JRB	01.28.15		
REV	DESCRIPTION	DWN BY	DATE	CHK	APP
REVISIONS					

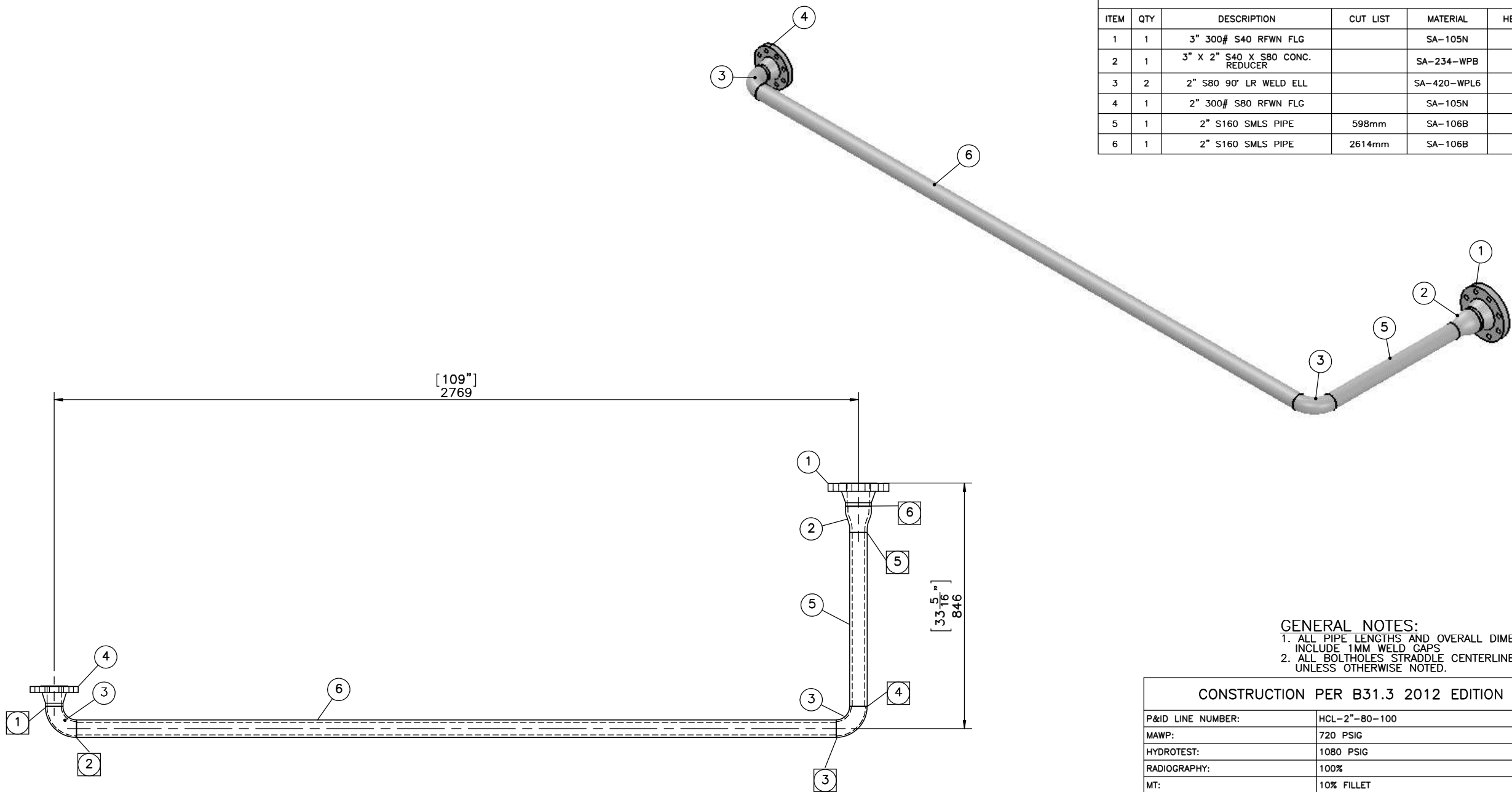


B31.3 WELD SPOOLING

Customer:			
ENLYN STOCK			
DWG NO:	REV	SHT	Shop Order:
E10-D	0	8/22	E10

THIS DRAWING IS THE PROPERTY OF ENLYN PROCESS SYSTEMS AND IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN FOR WHICH IT IS INTENDED

WELD IDENTIFIER 	WELDER I.D.	X-RAY NUMBER
1		
2		
3		
4		
5		
6		



BILL OF MATERIALS

ITEM	QTY	DESCRIPTION	CUT LIST	MATERIAL	HEAT NO
1	1	3" 300# S40 RFWN FLG		SA-105N	
2	1	3" X 2" S40 X S80 CONC. REDUCER		SA-234-WPB	
3	2	2" S80 90° LR WELD ELL		SA-420-WPL6	
4	1	2" 300# S80 RFWN FLG		SA-105N	
5	1	2" S160 SMLS PIPE	598mm	SA-106B	
6	1	2" S160 SMLS PIPE	2614mm	SA-106B	

1. ALL PIPE LENGTHS AND OVERALL DIMENSIONS
INCLUDE 1MM WELD GAPS

2. ALL BOLTHOLES STRADDLE CENTERLINES
UNLESS OTHERWISE NOTED.

CONSTRUCTION PER B31.3 2012 EDITION	
P&ID LINE NUMBER:	HCL-2"-80-100
MAWP:	720 PSIG
HYDROTEST:	1080 PSIG
RADIOGRAPHY:	100%
MT:	10% FILLET
VT:	100%
PWHT PER UCS-56:	YES, 1150°F ±25°F FOR 60 MINUTES
DESIGN TEMP:	-20°C TO 100°F
PREHEAT:	50°F
IMPACT TEST:	NONE
QC PROGRAM:	AQP-1543
WELD PROCEDURE REGISTRATION:	WP-3221.2
TEST MEDIUM:	WATER
CORROSION ALLOWANCE:	1/8"
SERVICE:	NORMAL FLUID
EXT. SANDBLAST & PAINT:	SSPC-SP6 & 2 COATS DTM POLY ENAMEL QC-315 TAN

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WPS: EC-2, REV.1	
	<div style="border: 1px solid black; padding: 5px; text-align: center; width: 40px; margin: 0 auto;">6</div>
WPS: EC-2, REV.1	
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WPS: EC-2, REV.1	

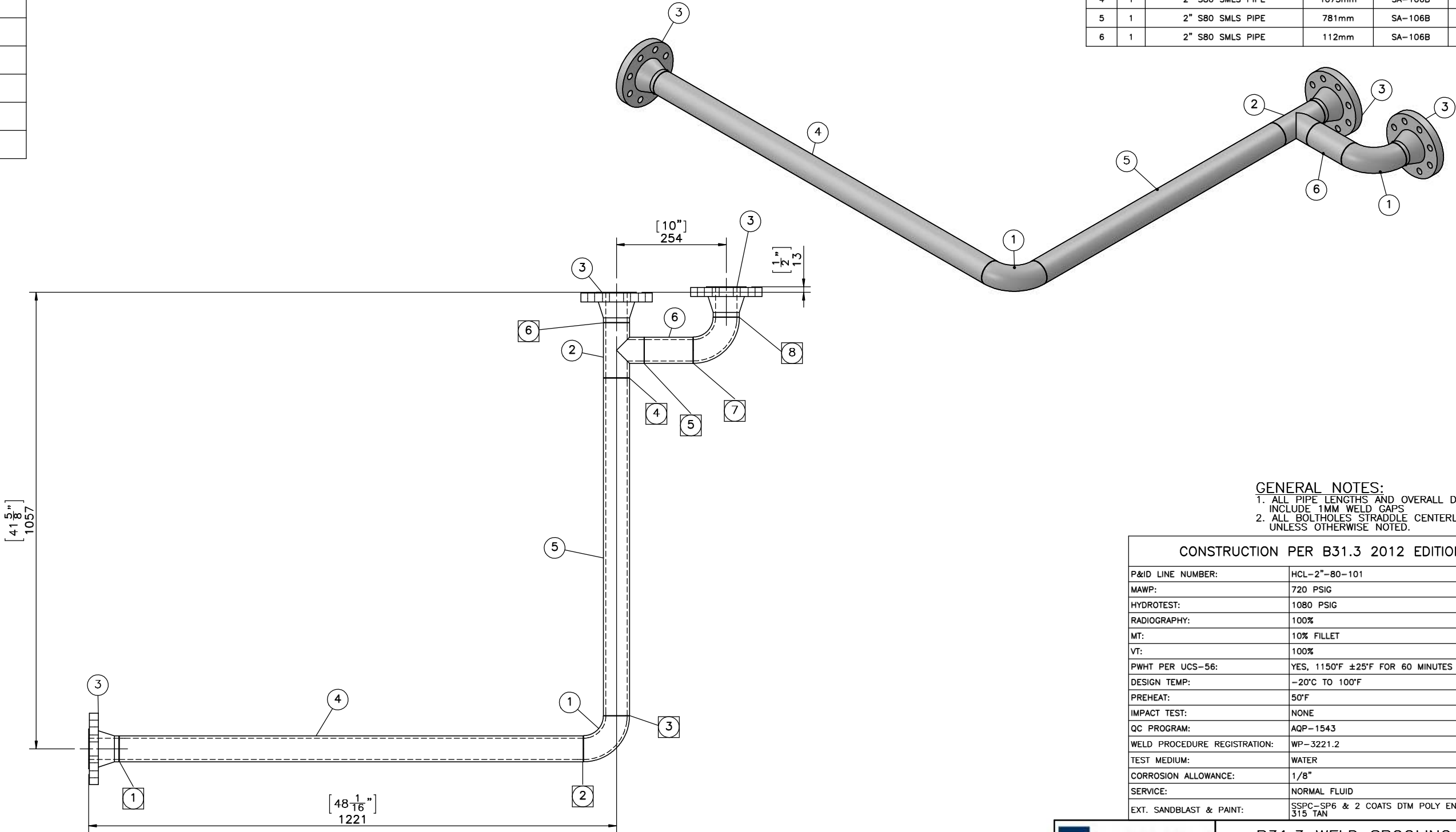
0	ISSUED FOR CONSTRUCTION	JRB	01.28.15		
REV	DESCRIPTION	DWN BY	DATE	CHK	APP
REVISIONS					

 enlyn.com			B31.3 WELD SPOOLING				
	BY	DATE	Customer:				
DWN	JRB		ENLYN STOCK				
CHK	MR						
ENG APP	QC, DH		DWG NO:		REV	SHT	Shop Order:
QC APP			E10-D		0	9/22	E10

THIS DRAWING IS THE PROPERTY OF ENLYN PROCESS SYSTEMS AND IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN FOR WHICH IT IS INTENDED

WELD IDENTIFIER	WELDER I.D	X-RAY NUMBER
1		
2		
3		
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7		
8		

BILL OF MATERIALS					
ITEM	QTY	DESCRIPTION	CUT LIST	MATERIAL	HEAT NO
1	2	2" S80 90° LR WELD ELL		SA-420-WPL6	
2	1	2" S80 STRAIGHT TEE		SA-234-WPB	
3	3	2" 300# S80 RFWN FLG		SA-105N	
4	1	2" S80 SMLS PIPE	1073mm	SA-106B	
5	1	2" S80 SMLS PIPE	781mm	SA-106B	
6	1	2" S80 SMLS PIPE	112mm	SA-106B	



- GENERAL NOTES:
1. ALL PIPE LENGTHS AND OVERALL DIMENSIONS INCLUDE 1MM WELD GAPS
 2. ALL BOLTHOLES STRADDLE CENTERLINES UNLESS OTHERWISE NOTED.

CONSTRUCTION PER B31.3 2012 EDITION	
P&ID LINE NUMBER:	HCL-2"-80-101
MAWP:	720 PSIG
HYDROTEST:	1080 PSIG
RADIOGRAPHY:	100%
MT:	10% FILLET
VT:	100%
PWHT PER UCS-56:	YES, 1150°F ±25°F FOR 60 MINUTES
DESIGN TEMP:	-20°C TO 100°F
PREHEAT:	50°F
IMPACT TEST:	NONE
QC PROGRAM:	AQP-1543
WELD PROCEDURE REGISTRATION:	WP-3221.2
TEST MEDIUM:	WATER
CORROSION ALLOWANCE:	1/8"
SERVICE:	NORMAL FLUID
EXT. SANDBLAST & PAINT:	SSPC-SP6 & 2 COATS DTM POLY ENAMEL QC-315 TAN

	3
WPS: EC-2, REV.1	
	6
WPS: EC-2, REV.1	
	4
WPS: EC-2, REV.1	

0	ISSUED FOR CONSTRUCTION	JRB	01.28.15		
REV	DESCRIPTION	DWN BY	DATE	CHK	APP
REVISIONS					



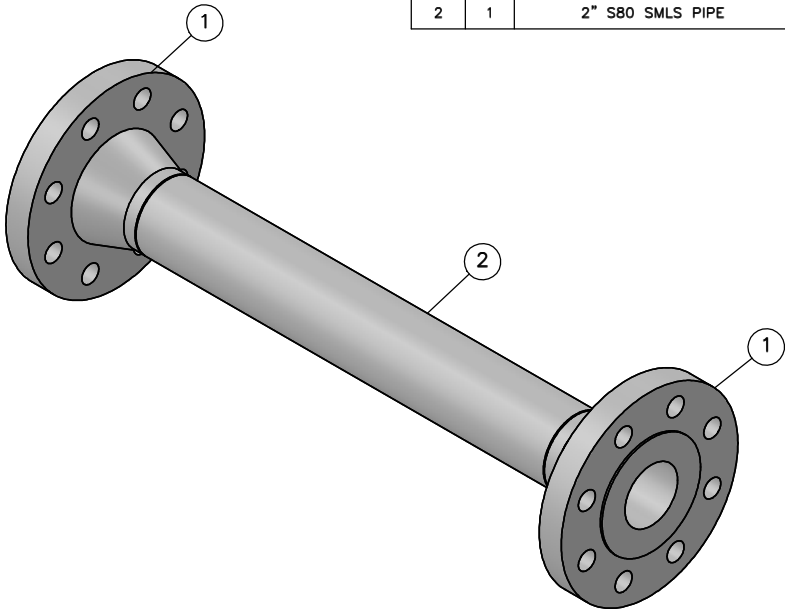
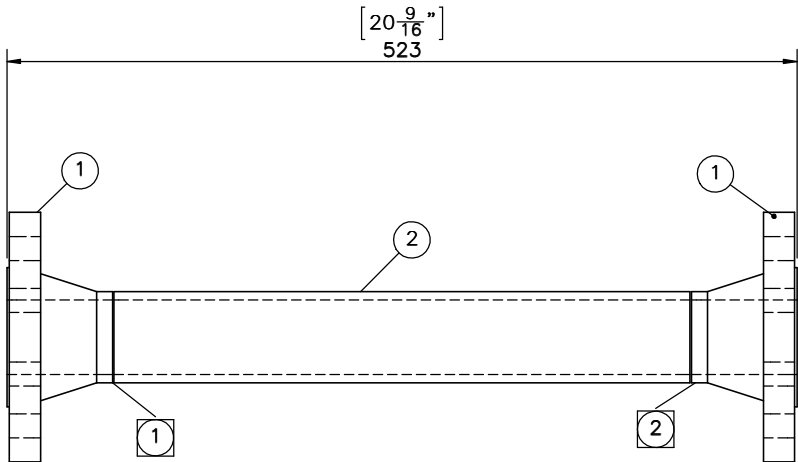
B31.3 WELD SPOOLING

DWN	BY	DATE	Customer:			
CHK	JRB		ENLYN STOCK			
ENG APP	MR		DWG NO: E10-D	REV 0	SHT 10/22	Shop Order: E10
QC APP	QC, DH					

THIS DRAWING IS THE PROPERTY OF ENLYN PROCESS SYSTEMS AND IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN FOR WHICH IT IS INTENDED

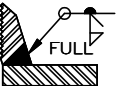
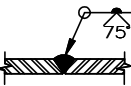
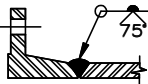
WELD IDENTIFIER	WELDER I.D	X-RAY NUMBER
1		
2		

BILL OF MATERIALS					
ITEM	QTY	DESCRIPTION	CUT LIST	MATERIAL	HEAT NO
1	2	2" 300# S80 RFWN FLG		SA-105N	
2	1	2" S80 SMLS PIPE	381mm	SA-106B	



GENERAL NOTES:
1. ALL PIPE LENGTHS AND OVERALL DIMENSIONS INCLUDE 1MM WELD GAPS
2. ALL BOLTHOLES STRADDLE CENTERLINES UNLESS OTHERWISE NOTED.

CONSTRUCTION PER B31.3 2012 EDITION	
P&ID LINE NUMBER:	HCL-2"-80-102
MAWP:	720 PSIG
HYDROTEST:	1080 PSIG
RADIOGRAPHY:	100%
MT:	10% FILLET
VT:	100%
PWHT PER UCS-56:	YES, 1150°F ±25°F FOR 60 MINUTES
DESIGN TEMP:	-20°C TO 100°F
PREHEAT:	50°F
IMPACT TEST:	NONE
QC PROGRAM:	AQP-1543
WELD PROCEDURE REGISTRATION:	WP-3221.2
TEST MEDIUM:	WATER
CORROSION ALLOWANCE:	1/8"
SERVICE:	NORMAL FLUID
EXT. SANDBLAST & PAINT:	SSPC-SP6 & 2 COATS DTM POLY ENAMEL QC-315 TAN

	3
WPS: EC-2, REV.1	
	6
WPS: EC-2, REV.1	
	4
WPS: EC-2, REV.1	

0	ISSUED FOR CONSTRUCTION	JRB	01.28.15		
REV	DESCRIPTION	DWN BY	DATE	CHK	APP
REVISIONS					



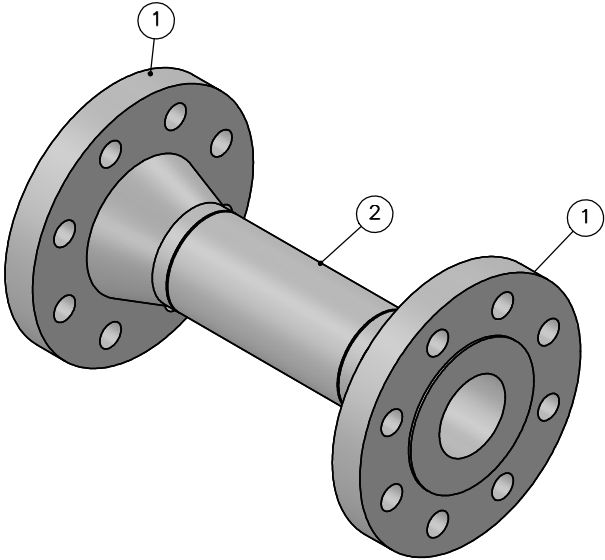
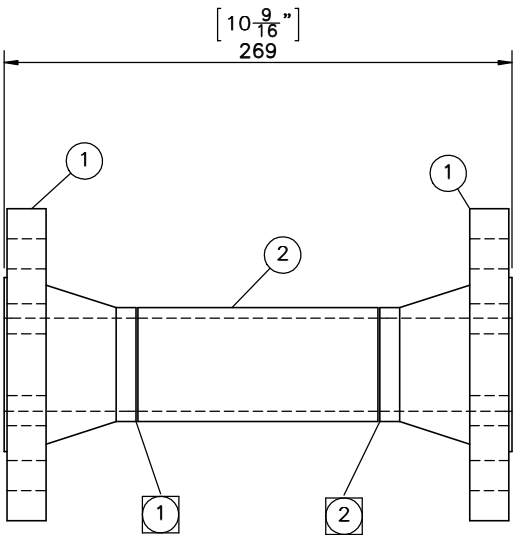
B31.3 WELD SPOOLING

DWN	BY	DATE	Customer:			
CHK	JRB		ENLYN STOCK			
ENG APP	QC, DH		DWG NO:	REV	SHT	Shop Order:
QC APP			E10-D	0	11/22	E10

THIS DRAWING IS THE PROPERTY OF ENLYN PROCESS SYSTEMS AND IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN FOR WHICH IT IS INTENDED

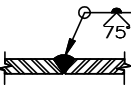
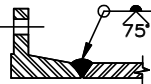
WELD IDENTIFIER	WELDER I.D	X-RAY NUMBER
1		
2		

BILL OF MATERIALS					
ITEM	QTY	DESCRIPTION	CUT LIST	MATERIAL	HEAT NO
1	2	2" 300# S80 RFWN FLG		SA-105N	
2	1	2" S80 SMLS PIPE	127mm	SA-106B	



- GENERAL NOTES:
1. ALL PIPE LENGTHS AND OVERALL DIMENSIONS INCLUDE 1MM WELD GAPS
 2. ALL BOLTHOLES STRADDLE CENTERLINES UNLESS OTHERWISE NOTED.

CONSTRUCTION PER B31.3 2012 EDITION	
P&ID LINE NUMBER:	HCL-2"-80-103
MAWP:	720 PSIG
HYDROTEST:	1080 PSIG
RADIOGRAPHY:	100%
MT:	10% FILLET
VT:	100%
PWHT PER UCS-56:	YES, 1150°F ±25°F FOR 60 MINUTES
DESIGN TEMP:	-20°C TO 100°F
PREHEAT:	50°F
IMPACT TEST:	NONE
QC PROGRAM:	AQP-1543
WELD PROCEDURE REGISTRATION:	WP-3221.2
TEST MEDIUM:	WATER
CORROSION ALLOWANCE:	1/8"
SERVICE:	NORMAL FLUID
EXT. SANDBLAST & PAINT:	SSPC-SP6 & 2 COATS DTM POLY ENAMEL QC-315 TAN

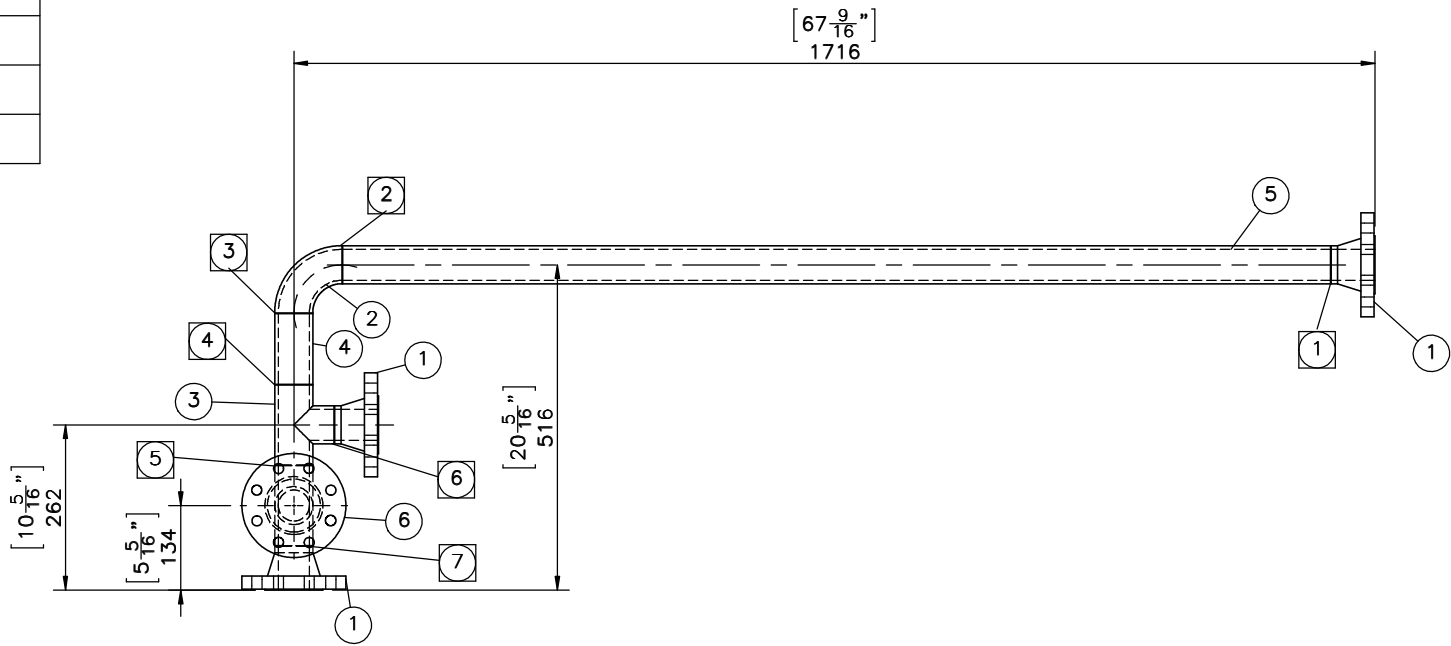
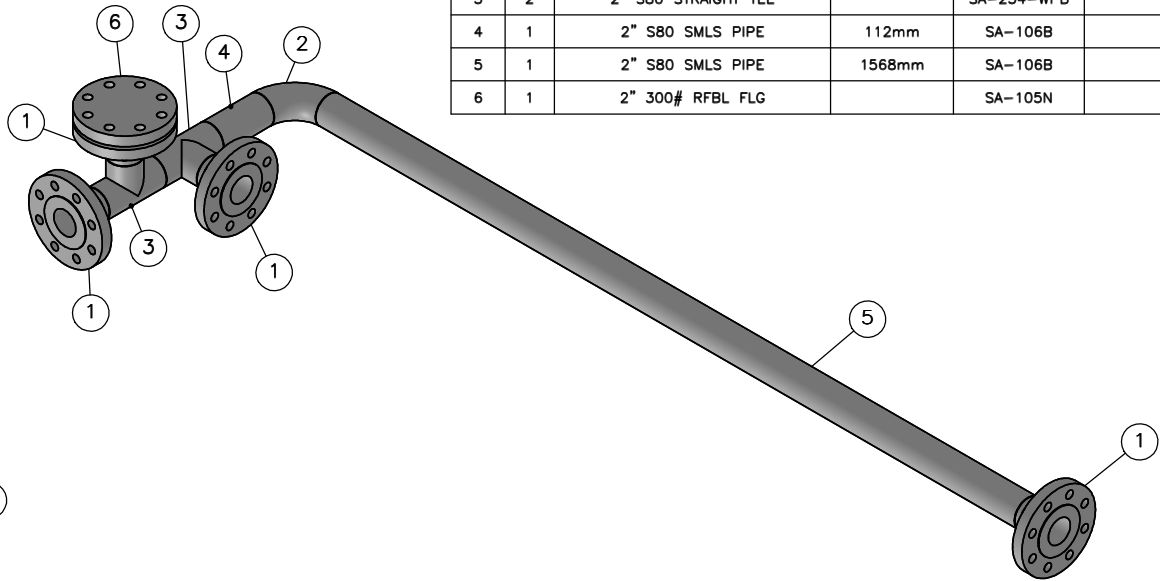
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WPS: EC-2, REV.1	
	6
WPS: EC-2, REV.1	
	4
WPS: EC-2, REV.1	

0	ISSUED FOR CONSTRUCTION	JRB	01.28.15		
REV	DESCRIPTION	DWN BY	DATE	CHK	APP
REVISIONS					

			B31.3 WELD SPOOLING				
			Customer:				
			ENLYN STOCK				
DWN	BY	DATE	DWG NO:		REV	SHT	Shop Order:
CHK	JRB		E10-D		0	12/22	E10
ENG APP	MR						
QC APP	QC, DH						

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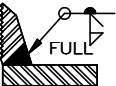
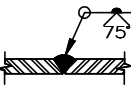
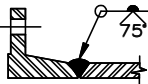
WELD IDENTIFIER	WELDER I.D	X-RAY NUMBER
1		
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- GENERAL NOTES:
1. ALL PIPE LENGTHS AND OVERALL DIMENSIONS INCLUDE 1MM WELD GAPS
 2. ALL BOLTHOLES STRADDLE CENTERLINES UNLESS OTHERWISE NOTED.

BILL OF MATERIALS					
ITEM	QTY	DESCRIPTION	CUT LIST	MATERIAL	HEAT NO
1	4	2" 300# S80 RFWN FLG		SA-105N	
2	1	2" S80 90° LR WELD ELL		SA-420-WPL6	
3	2	2" S80 STRAIGHT TEE		SA-234-WPB	
4	1	2" S80 SMLS PIPE	112mm	SA-106B	
5	1	2" S80 SMLS PIPE	1568mm	SA-106B	
6	1	2" 300# RFBL FLG		SA-105N	

CONSTRUCTION PER B31.3 2012 EDITION	
P&ID LINE NUMBER:	HCL-2"-80-104
MAWP:	720 PSIG
HYDROTEST:	1080 PSIG
RADIOGRAPHY:	100%
MT:	10% FILLET
VT:	100%
PWHT PER UCS-56:	YES, 1150°F ±25°F FOR 60 MINUTES
DESIGN TEMP:	-20°C TO 100°F
PREHEAT:	50°F
IMPACT TEST:	NONE
QC PROGRAM:	AQP-1543
WELD PROCEDURE REGISTRATION:	WP-3221.2
TEST MEDIUM:	WATER
CORROSION ALLOWANCE:	1/8"
SERVICE:	NORMAL FLUID
EXT. SANDBLAST & PAINT:	SSPC-SP6 & 2 COATS DTM POLY ENAMEL QC-315 TAN

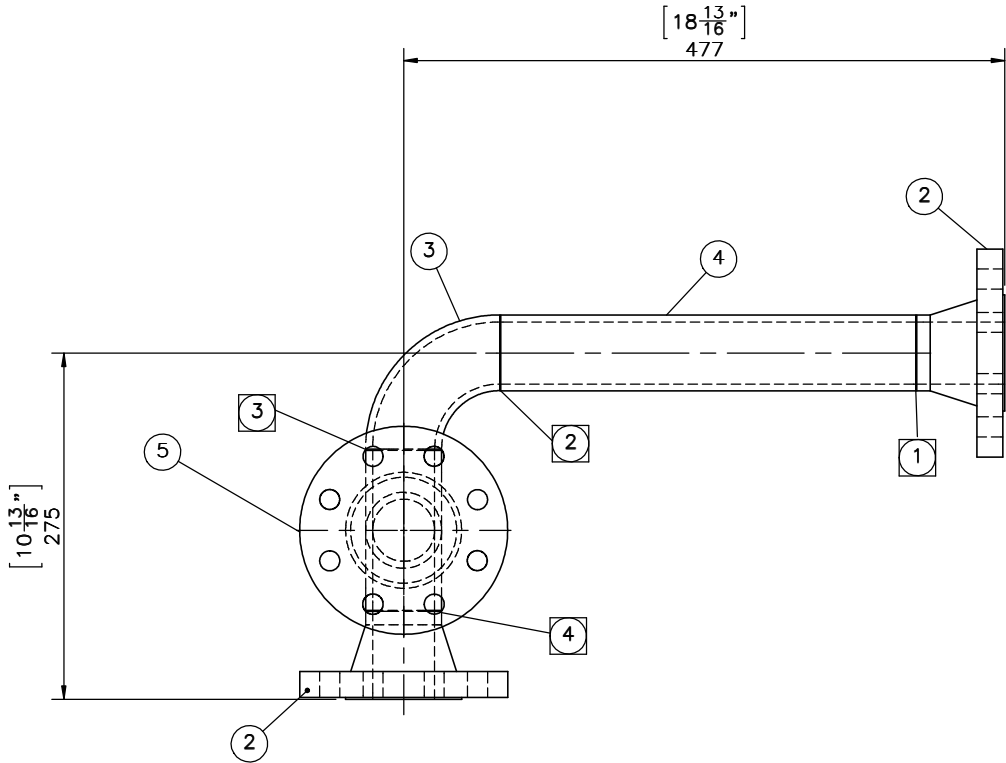
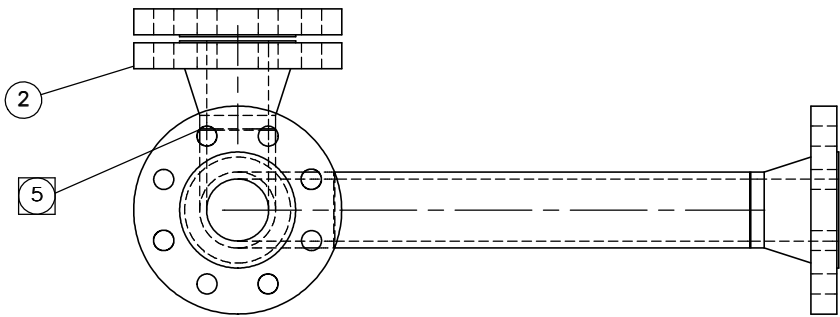
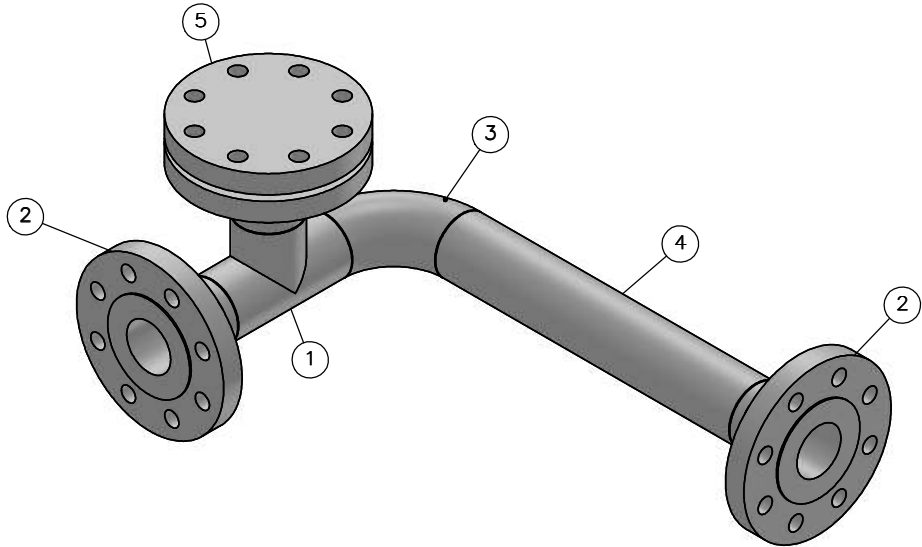
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WPS: EC-2, REV.1	
	6
WPS: EC-2, REV.1	
	4
WPS: EC-2, REV.1	

0	ISSUED FOR CONSTRUCTION	JRB	01.28.15		
REV	DESCRIPTION	DWN BY	DATE	CHK	APP
REVISIONS					

		B31.3 WELD SPOOLING			
		BY	DATE	Customer:	
		DWN	JRB	ENLYN STOCK	
		CHK	MR		
		ENG APP	QC, DH		
		QC APP			
		DWG NO:	REV	SHT	Shop Order:
		E10-D	0	13/22	E10

THIS DRAWING IS THE PROPERTY OF ENLYN PROCESS SYSTEMS AND IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN FOR WHICH IT IS INTENDED

WELD IDENTIFIER	WELDER I.D	X-RAY NUMBER
1		
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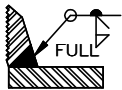
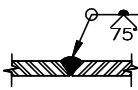
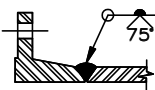
BILL OF MATERIALS

ITEM	QTY	DESCRIPTION	CUT LIST	MATERIAL	HEAT NO
1	1	2" S80 STRAIGHT TEE		SA-234-WPB	
2	3	2" 300# S80 RFWN FLG		SA-105N	
3	1	2" S80 90° LR WELD ELL		SA-420-WPL6	
4	1	2" S80 SMLS PIPE	329mm	SA-106B	
5	1	2" 300# RFBL FLG		SA-105N	

- GENERAL NOTES:
- ALL PIPE LENGTHS AND OVERALL DIMENSIONS INCLUDE 1MM WELD GAPS
 - ALL BOLTHOLES STRADDLE CENTERLINES UNLESS OTHERWISE NOTED.

CONSTRUCTION PER B31.3 2012 EDITION

P&ID LINE NUMBER:	HCL-2"-80-105
MAWP:	720 PSIG
HYDROTEST:	1080 PSIG
RADIOGRAPHY:	100%
MT:	10% FILLET
VT:	100%
PWHT PER UCS-56:	YES, 1150°F ±25°F FOR 60 MINUTES
DESIGN TEMP:	-20°C TO 100°F
PREHEAT:	50°F
IMPACT TEST:	NONE
QC PROGRAM:	AQP-1543
WELD PROCEDURE REGISTRATION:	WP-3221.2
TEST MEDIUM:	WATER
CORROSION ALLOWANCE:	1/8"
SERVICE:	NORMAL FLUID
EXT. SANDBLAST & PAINT:	SSPC-SP6 & 2 COATS DTM POLY ENAMEL QC-315 TAN

	3
WPS: EC-2, REV.1	
	6
WPS: EC-2, REV.1	
	4
WPS: EC-2, REV.1	

0	ISSUED FOR CONSTRUCTION	JRB	01.28.15		
REV	DESCRIPTION	DWN BY	DATE	CHK	APP
REVISIONS					

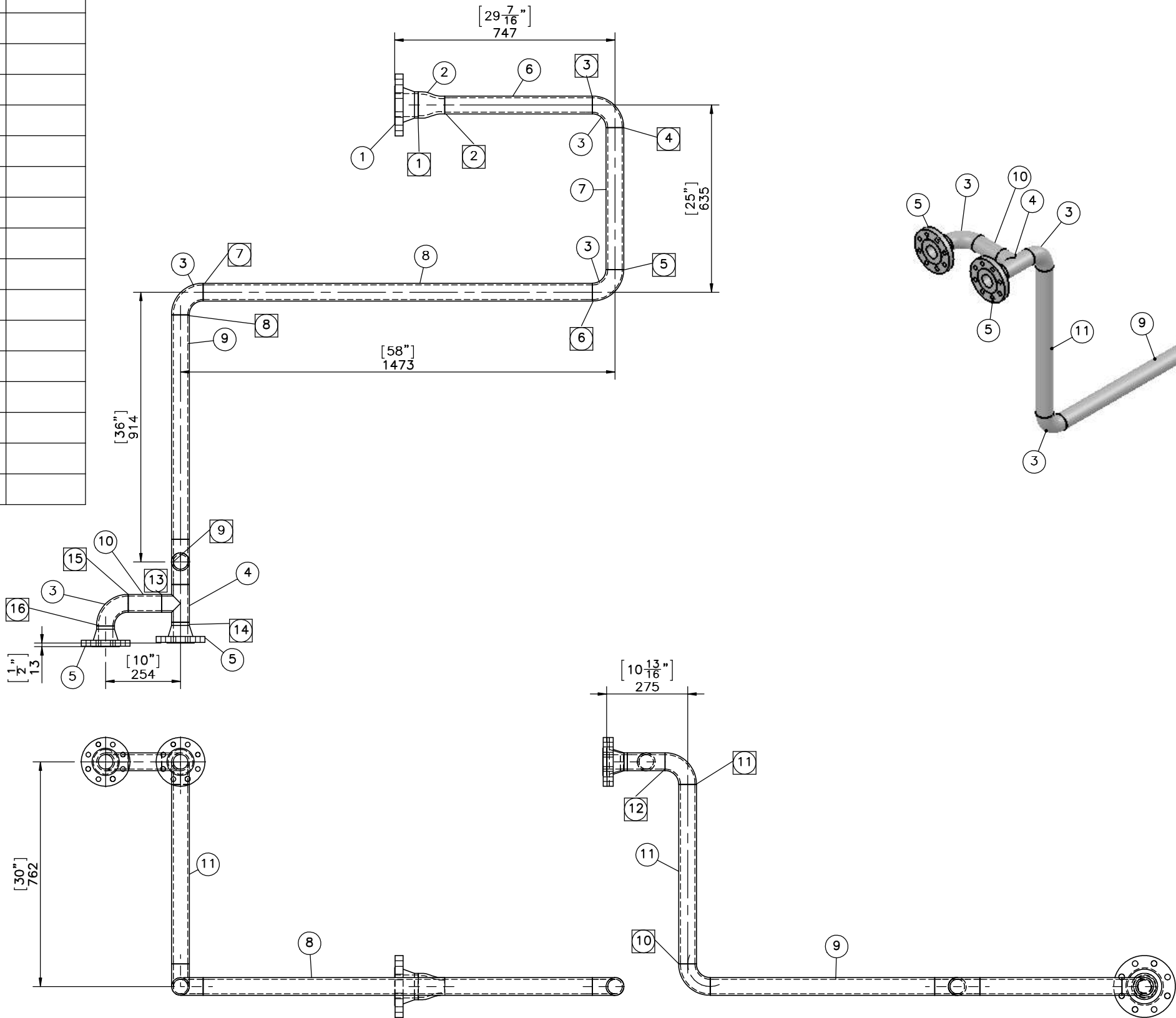


B31.3 WELD SPOOLING

BY	DATE	Customer:			
DWN	JRB	ENLYN STOCK			
CHK	MR	DWG NO: E10-D	REV 0	SHT 14/22	Shop Order: E10
ENG APP	QC, DH				
QC APP					

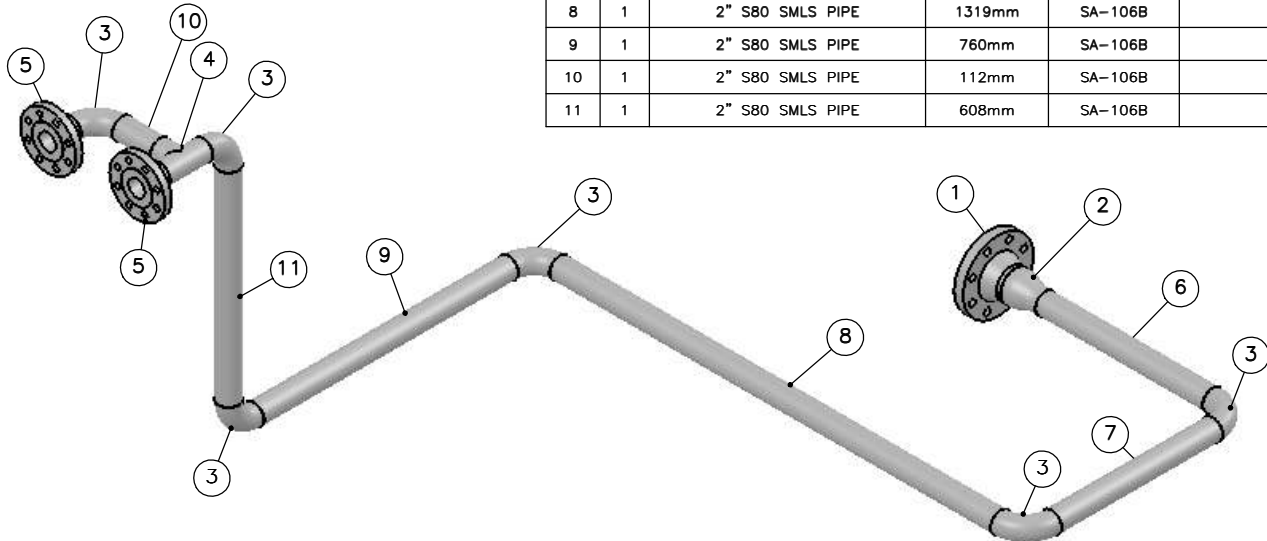
THIS DRAWING IS THE PROPERTY OF ENLYN PROCESS SYSTEMS AND IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN FOR WHICH IT IS INTENDED

WELD IDENTIFIER	WELDER I.D	X-RAY NUMBER
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3	
WPS: EC-2, REV.1	
6	
WPS: EC-2, REV.1	
4	
WPS: EC-2, REV.1	

BILL OF MATERIALS					
ITEM	QTY	DESCRIPTION	CUT LIST	MATERIAL	HEAT NO
1	1	3" 300# S40 RFWN FLG		SA-105N	
2	1	3" X 2" S40 X S80 CONC. REDUCER		SA-234-WPB	
3	6	2" S80 90° LR WELD ELL		SA-420-WPL6	
4	1	2" S80 STRAIGHT TEE		SA-234-WPB	
5	2	2" 300# S80 RFWN FLG		SA-105N	
6	1	2" S80 SMLS PIPE	500mm	SA-106B	
7	1	2" S80 SMLS PIPE	481mm	SA-106B	
8	1	2" S80 SMLS PIPE	1319mm	SA-106B	
9	1	2" S80 SMLS PIPE	760mm	SA-106B	
10	1	2" S80 SMLS PIPE	112mm	SA-106B	
11	1	2" S80 SMLS PIPE	608mm	SA-106B	



GENERAL NOTES:
1. ALL PIPE LENGTHS AND OVERALL DIMENSIONS INCLUDE 1MM WELD GAPS
2. ALL BOLTHOLES STRADDLE CENTERLINES UNLESS OTHERWISE NOTED.

CONSTRUCTION PER B31.3 2012 EDITION	
P&ID LINE NUMBER:	PW-2"-80-100
MAWP:	720 PSIG
HYDROTEST:	1080 PSIG
RADIOGRAPHY:	100%
MT:	10% FILLET
VT:	100%
PWHT PER UCS-56:	YES, 1150°F ±25°F FOR 60 MINUTES
DESIGN TEMP:	-20°C TO 100°F
PREHEAT:	50°F
IMPACT TEST:	NONE
QC PROGRAM:	AQP-1543
WELD PROCEDURE REGISTRATION:	WP-3221.2
TEST MEDIUM:	WATER
CORROSION ALLOWANCE:	1/8"
SERVICE:	NORMAL FLUID
EXT. SANDBLAST & PAINT:	SSPC-SP6 & 2 COATS DTM POLY ENAMEL QC-315 TAN



B31.3 WELD SPOOLING

0	ISSUED FOR CONSTRUCTION	JRB	01.28.15		
REV	DESCRIPTION	DWN BY	DATE	CHK	APP
REVISIONS					

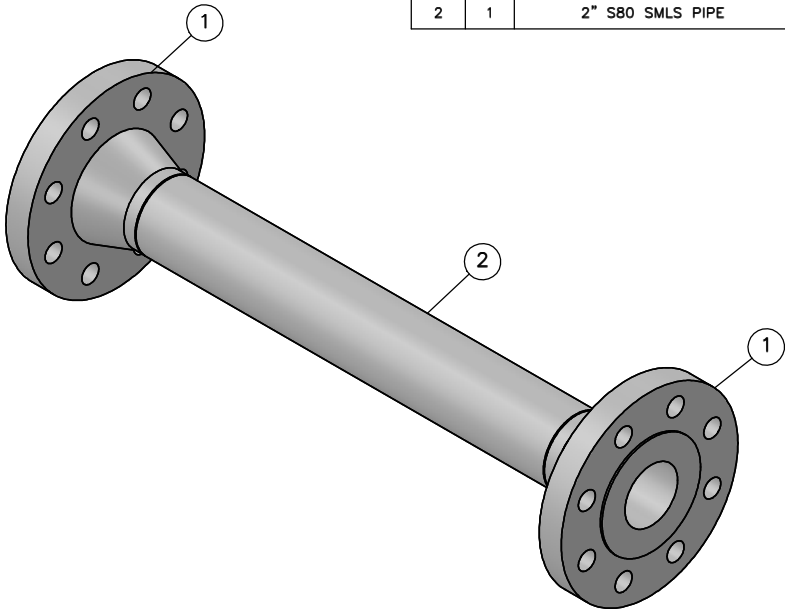
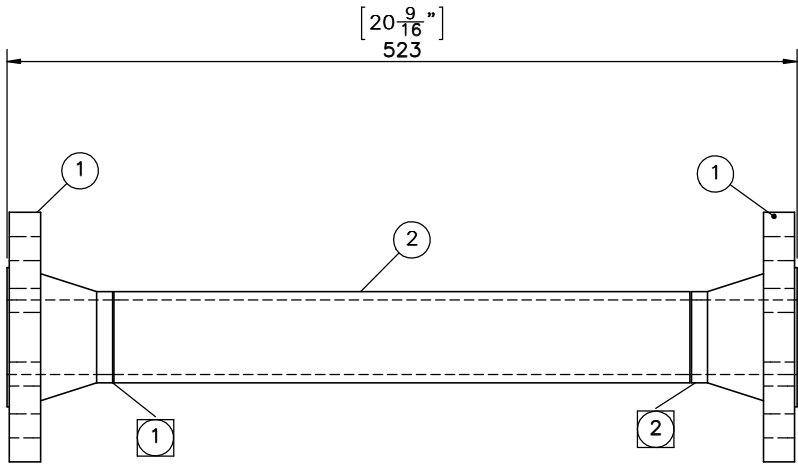
BY	DATE
JRB	
MR	
QC, DH	
QC APP	

Customer: ENLYN STOCK			
DWG NO: E10-D	REV 0	SHT 15/22	Shop Order: E10

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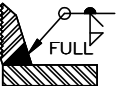
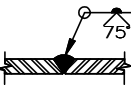
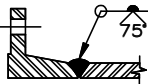
WELD IDENTIFIER	WELDER I.D	X-RAY NUMBER
1		
2		

BILL OF MATERIALS					
ITEM	QTY	DESCRIPTION	CUT LIST	MATERIAL	HEAT NO
1	2	2" 300# S80 RFWN FLG		SA-105N	
2	1	2" S80 SMLS PIPE	381mm	SA-106B	



GENERAL NOTES:
1. ALL PIPE LENGTHS AND OVERALL DIMENSIONS INCLUDE 1MM WELD GAPS
2. ALL BOLTHOLES STRADDLE CENTERLINES UNLESS OTHERWISE NOTED.

CONSTRUCTION PER B31.3 2012 EDITION	
P&ID LINE NUMBER:	PW-2"-80-101
MAWP:	720 PSIG
HYDROTEST:	1080 PSIG
RADIOGRAPHY:	100%
MT:	10% FILLET
VT:	100%
PWHT PER UCS-56:	YES, 1150°F ±25°F FOR 60 MINUTES
DESIGN TEMP:	-20°C TO 100°F
PREHEAT:	50°F
IMPACT TEST:	NONE
QC PROGRAM:	AQP-1543
WELD PROCEDURE REGISTRATION:	WP-3221.2
TEST MEDIUM:	WATER
CORROSION ALLOWANCE:	1/8"
SERVICE:	NORMAL FLUID
EXT. SANDBLAST & PAINT:	SSPC-SP6 & 2 COATS DTM POLY ENAMEL QC-315 TAN

	3
WPS: EC-2, REV.1	
	6
WPS: EC-2, REV.1	
	4
WPS: EC-2, REV.1	

0	ISSUED FOR CONSTRUCTION	JRB	01.28.15		
REV	DESCRIPTION	DWN BY	DATE	CHK	APP
REVISIONS					



B31.3 WELD SPOOLING

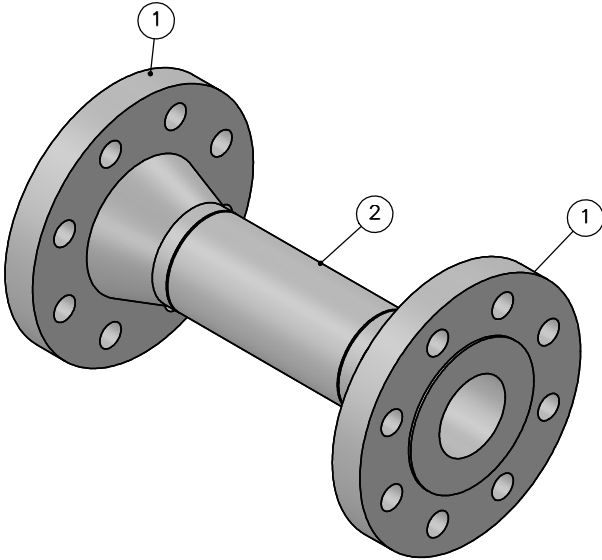
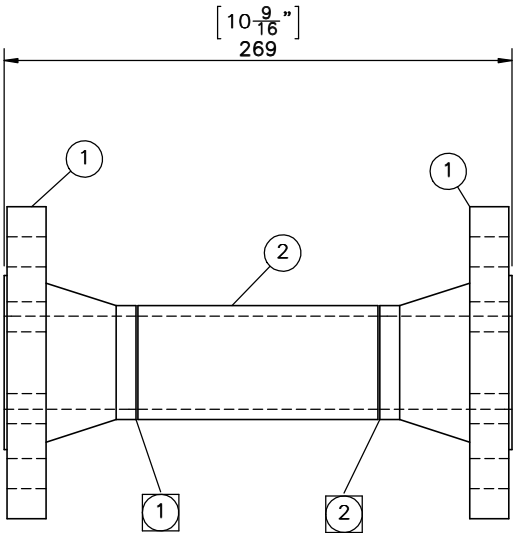
Customer: ENLYN STOCK			
DWG NO: E10-D	REV 0	SHT 16/22	Shop Order: E10

BY	DATE
JRB	
MR	
QC, DH	

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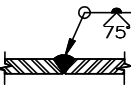
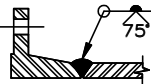
WELD IDENTIFIER	WELDER I.D	X-RAY NUMBER
1		
2		

BILL OF MATERIALS					
ITEM	QTY	DESCRIPTION	CUT LIST	MATERIAL	HEAT NO
1	2	2" 300# S80 RFWN FLG		SA-105N	
2	1	2" S80 SMLS PIPE	127mm	SA-106B	



- GENERAL NOTES:
1. ALL PIPE LENGTHS AND OVERALL DIMENSIONS INCLUDE 1MM WELD GAPS
 2. ALL BOLTHOLES STRADDLE CENTERLINES UNLESS OTHERWISE NOTED.

CONSTRUCTION PER B31.3 2012 EDITION	
P&ID LINE NUMBER:	PW-2"-80-102
MAWP:	720 PSIG
HYDROTEST:	1080 PSIG
RADIOGRAPHY:	100%
MT:	10% FILLET
VT:	100%
PWHT PER UCS-56:	YES, 1150°F ±25°F FOR 60 MINUTES
DESIGN TEMP:	-20°C TO 100°F
PREHEAT:	50°F
IMPACT TEST:	NONE
QC PROGRAM:	AQP-1543
WELD PROCEDURE REGISTRATION:	WP-3221.2
TEST MEDIUM:	WATER
CORROSION ALLOWANCE:	1/8"
SERVICE:	NORMAL FLUID
EXT. SANDBLAST & PAINT:	SSPC-SP6 & 2 COATS DTM POLY ENAMEL QC-315 TAN

	3
WPS: EC-2, REV.1	
	6
WPS: EC-2, REV.1	
	4
WPS: EC-2, REV.1	

0	ISSUED FOR CONSTRUCTION	JRB	01.28.15		
REV	DESCRIPTION	DWN BY	DATE	CHK	APP
REVISIONS					



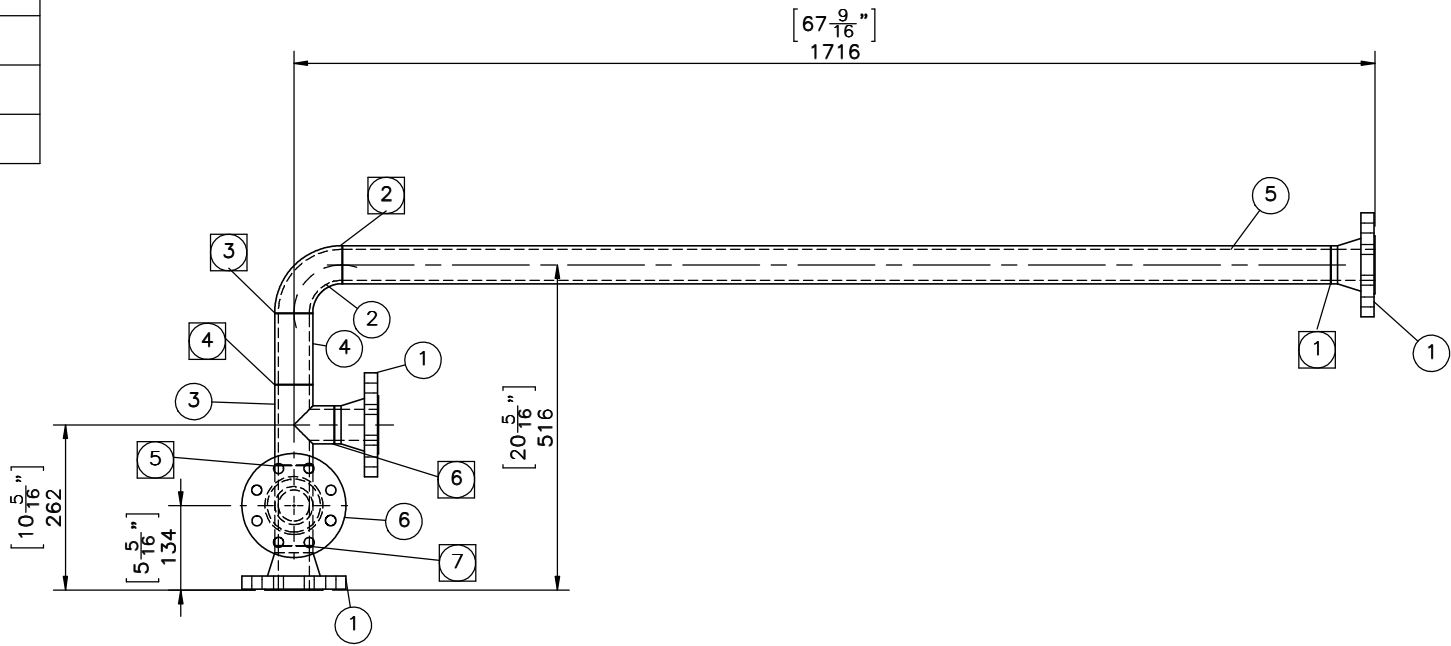
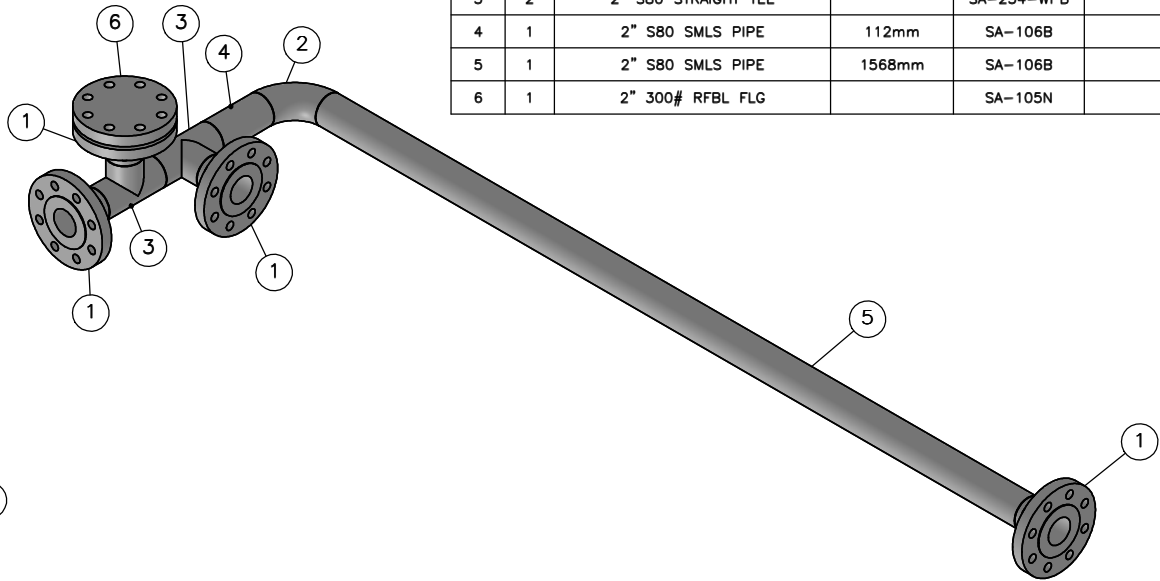
B31.3 WELD SPOOLING

	BY	DATE
DWN	JRB	
CHK	MR	
ENG APP	QC, DH	
QC APP		

Customer:			
ENLYN STOCK			
DWG NO:	REV	SHT	Shop Order:
E10-D	0	17/22	E10

THIS DRAWING IS THE PROPERTY OF ENLYN PROCESS SYSTEMS AND IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN FOR WHICH IT IS INTENDED

WELD IDENTIFIER	WELDER I.D	X-RAY NUMBER
1		
2		
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BILL OF MATERIALS					
ITEM	QTY	DESCRIPTION	CUT LIST	MATERIAL	HEAT NO
1	4	2" 300# S80 RFWN FLG		SA-105N	
2	1	2" S80 90° LR WELD ELL		SA-420-WPL6	
3	2	2" S80 STRAIGHT TEE		SA-234-WPB	
4	1	2" S80 SMLS PIPE	112mm	SA-106B	
5	1	2" S80 SMLS PIPE	1568mm	SA-106B	
6	1	2" 300# RFBL FLG		SA-105N	

- GENERAL NOTES:
1. ALL PIPE LENGTHS AND OVERALL DIMENSIONS INCLUDE 1MM WELD GAPS
 2. ALL BOLTHOLES STRADDLE CENTERLINES UNLESS OTHERWISE NOTED.

CONSTRUCTION PER B31.3 2012 EDITION	
P&ID LINE NUMBER:	PW-2"-80-103
MAWP:	720 PSIG
HYDROTEST:	1080 PSIG
RADIOGRAPHY:	100%
MT:	10% FILLET
VT:	100%
PWHT PER UCS-56:	YES, 1150°F ±25°F FOR 60 MINUTES
DESIGN TEMP:	-20°C TO 100°F
PREHEAT:	50°F
IMPACT TEST:	NONE
QC PROGRAM:	AQP-1543
WELD PROCEDURE REGISTRATION:	WP-3221.2
TEST MEDIUM:	WATER
CORROSION ALLOWANCE:	1/8"
SERVICE:	NORMAL FLUID
EXT. SANDBLAST & PAINT:	SSPC-SP6 & 2 COATS DTM POLY ENAMEL QC-315 TAN

	3
WPS: EC-2, REV.1	
	6
WPS: EC-2, REV.1	
	4
WPS: EC-2, REV.1	

0	ISSUED FOR CONSTRUCTION	JRB	01.28.15		
REV	DESCRIPTION	DWN BY	DATE	CHK	APP
REVISIONS					

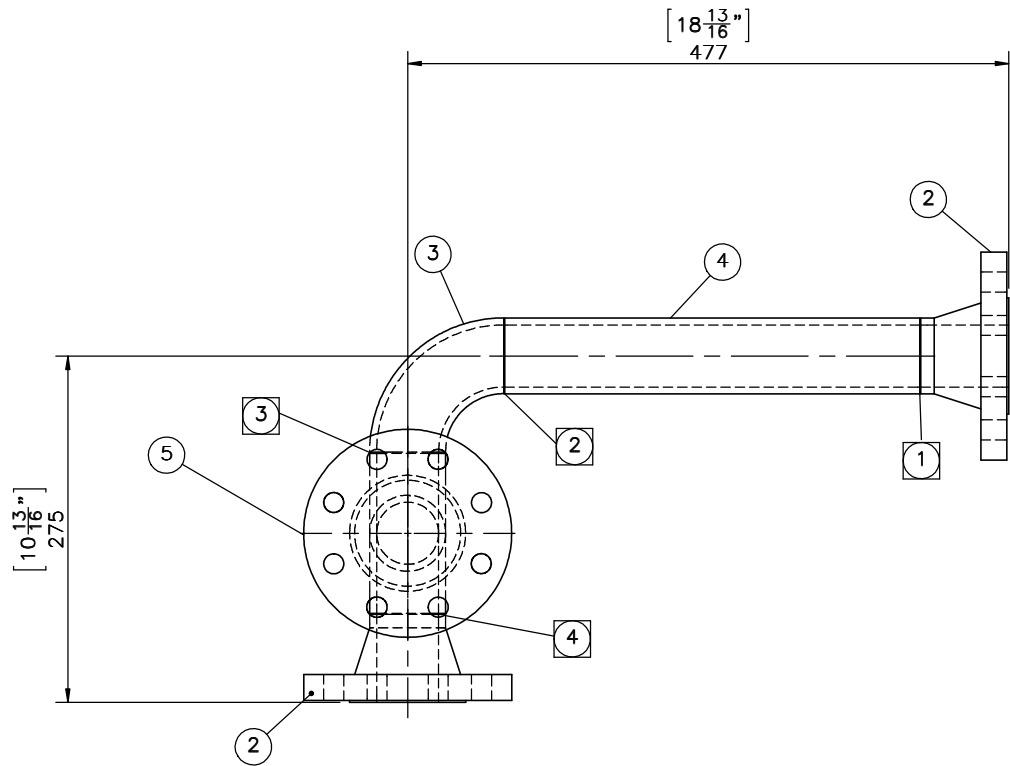
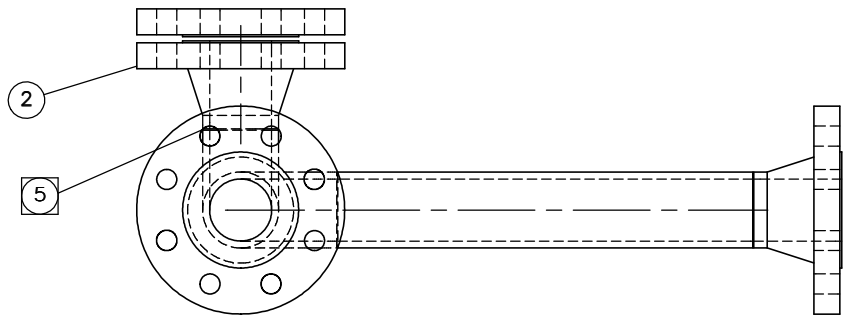
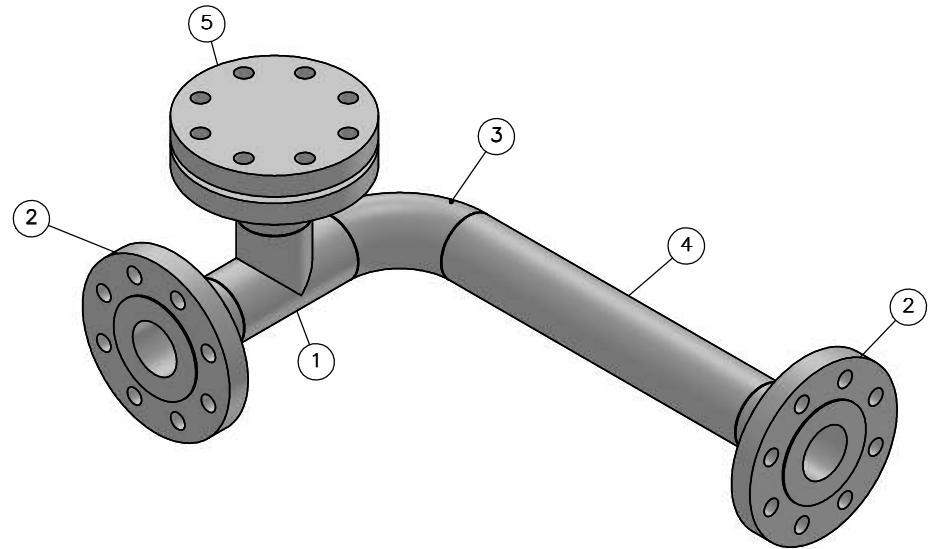


B31.3 WELD SPOOLING

DWN	BY	DATE	Customer:			
CHK	JRB		ENLYN STOCK			
ENG APP	MR		DWG NO: E10-D	REV 0	SHT 18/22	Shop Order: E10
QC APP	QC, DH					

THIS DRAWING IS THE PROPERTY OF ENLYN PROCESS SYSTEMS AND IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN FOR WHICH IT IS INTENDED

WELD IDENTIFIER	WELDER I.D	X-RAY NUMBER
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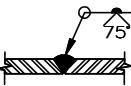
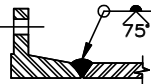
BILL OF MATERIALS

ITEM	QTY	DESCRIPTION	CUT LIST	MATERIAL	HEAT NO
1	1	2" S80 STRAIGHT TEE		SA-234-WPB	
2	3	2" 300# S80 RFWN FLG		SA-105N	
3	1	2" S80 90° LR WELD ELL		SA-420-WPL6	
4	1	2" S80 SMLS PIPE	329mm	SA-106B	
5	1	2" 300# RFBL FLG		SA-105N	

- GENERAL NOTES:
- ALL PIPE LENGTHS AND OVERALL DIMENSIONS INCLUDE 1MM WELD GAPS
 - ALL BOLTHOLES STRADDLE CENTERLINES UNLESS OTHERWISE NOTED.

CONSTRUCTION PER B31.3 2012 EDITION

P&ID LINE NUMBER:	PW-2"-80-104
MAWP:	720 PSIG
HYDROTEST:	1080 PSIG
RADIOGRAPHY:	100%
MT:	10% FILLET
VT:	100%
PWHT PER UCS-56:	YES, 1150°F ±25°F FOR 60 MINUTES
DESIGN TEMP:	-20°C TO 100°F
PREHEAT:	50°F
IMPACT TEST:	NONE
QC PROGRAM:	AQP-1543
WELD PROCEDURE REGISTRATION:	WP-3221.2
TEST MEDIUM:	WATER
CORROSION ALLOWANCE:	1/8"
SERVICE:	NORMAL FLUID
EXT. SANDBLAST & PAINT:	SSPC-SP6 & 2 COATS DTM POLY ENAMEL QC-315 TAN

	3
WPS: EC-2, REV.1	
	6
WPS: EC-2, REV.1	
	4
WPS: EC-2, REV.1	

0	ISSUED FOR CONSTRUCTION	JRB	01.28.15		
REV	DESCRIPTION	DWN BY	DATE	CHK	APP
REVISIONS					

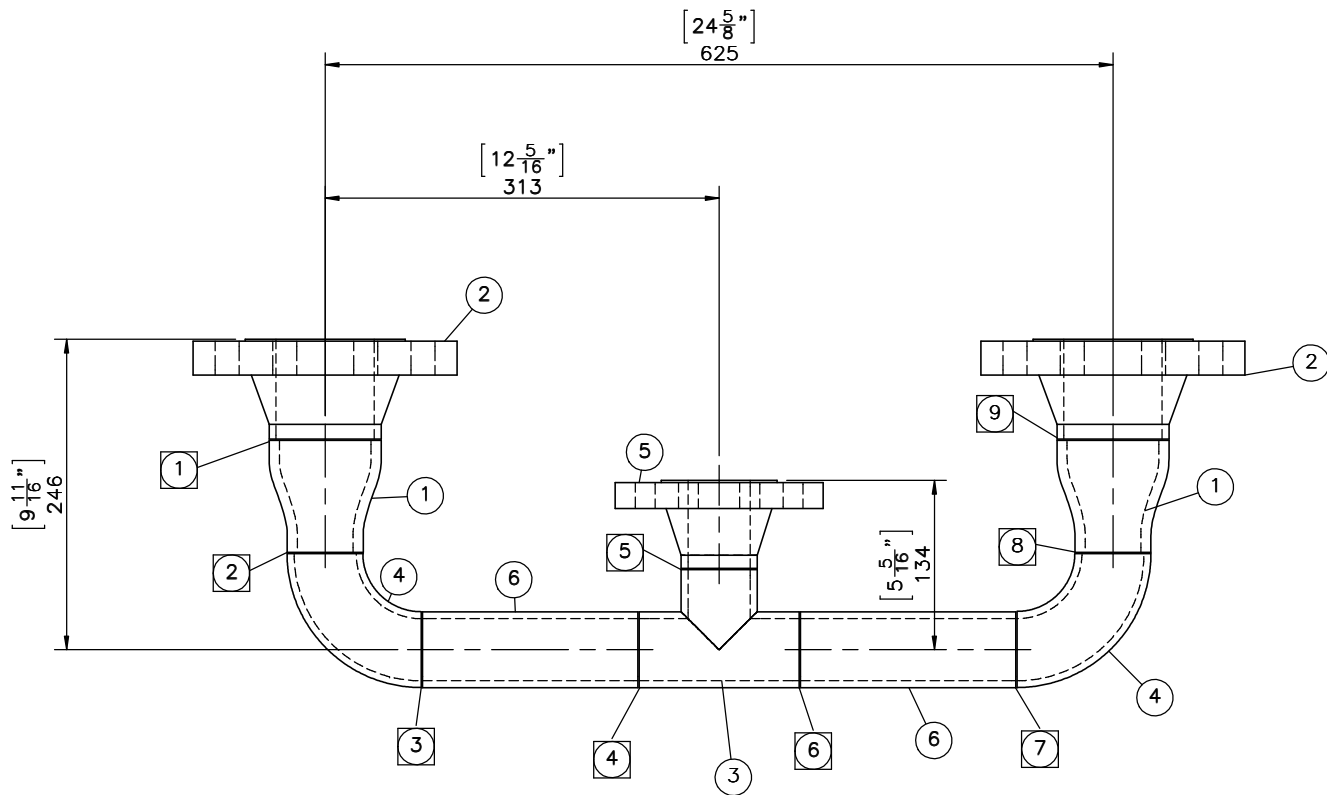
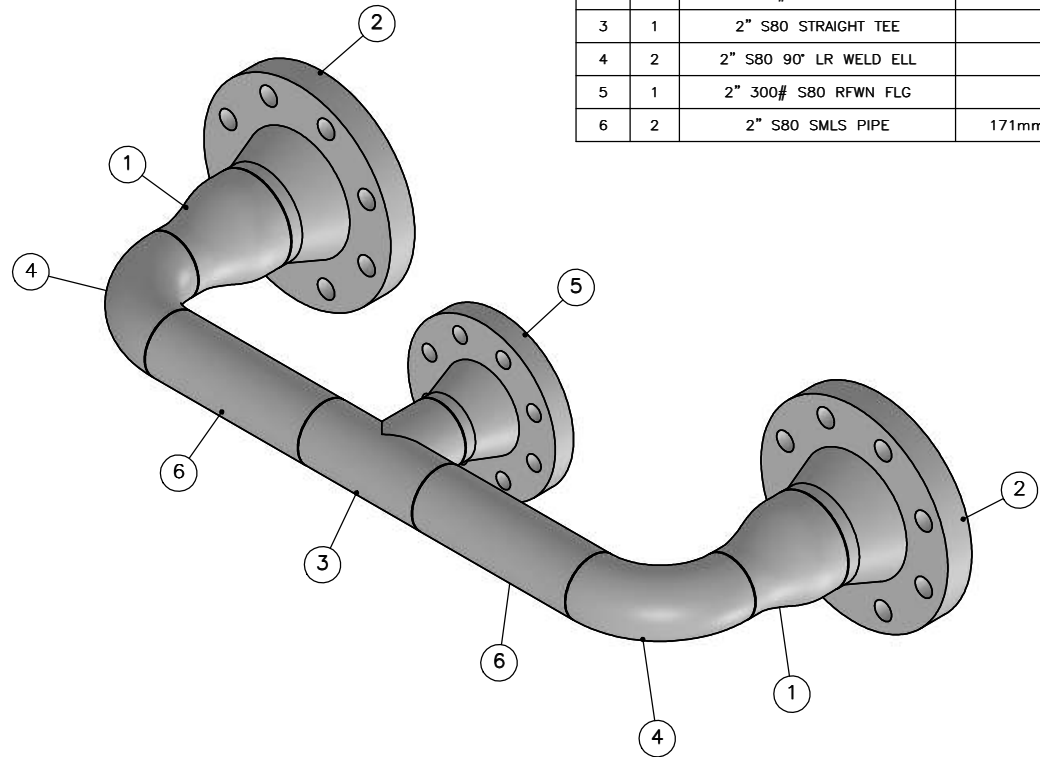


B31.3 WELD SPOOLING

BY	DATE	Customer:			
DWN	JRB	ENLYN STOCK			
CHK	MR	DWG NO: E10-D	REV 0	SHT 19/22	Shop Order: E10
ENG APP	QC, DH				
QC APP					

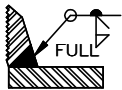
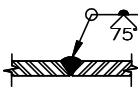
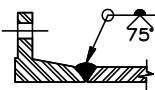
THIS DRAWING IS THE PROPERTY OF ENLYN PROCESS SYSTEMS AND IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN FOR WHICH IT IS INTENDED

WELD IDENTIFIER	WELDER I.D	X-RAY NUMBER
1		
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9		



- GENERAL NOTES:
1. ALL PIPE LENGTHS AND OVERALL DIMENSIONS INCLUDE 1MM WELD GAPS
 2. ALL BOLTHOLES STRADDLE CENTERLINES UNLESS OTHERWISE NOTED.

CONSTRUCTION PER B31.3 2012 EDITION	
P&ID LINE NUMBER:	DR-2"-80-100
MAWP:	720 PSIG
HYDROTEST:	1080 PSIG
RADIOGRAPHY:	100%
MT:	10% FILLET
VT:	100%
PWHT PER UCS-56:	YES, 1150°F ±25°F FOR 60 MINUTES
DESIGN TEMP:	-20°C TO 100°F
PREHEAT:	50°F
IMPACT TEST:	NONE
QC PROGRAM:	AQP-1543
WELD PROCEDURE REGISTRATION:	WP-3221.2
TEST MEDIUM:	WATER
CORROSION ALLOWANCE:	1/8"
SERVICE:	NORMAL FLUID
EXT. SANDBLAST & PAINT:	SSPC-SP6 & 2 COATS DTM POLY ENAMEL QC-315 TAN

	3
WPS: EC-2, REV.1	
	6
WPS: EC-2, REV.1	
	4
WPS: EC-2, REV.1	

0	ISSUED FOR CONSTRUCTION	JRB	01.28.15		
REV	DESCRIPTION	DWN BY	DATE	CHK	APP
REVISIONS					



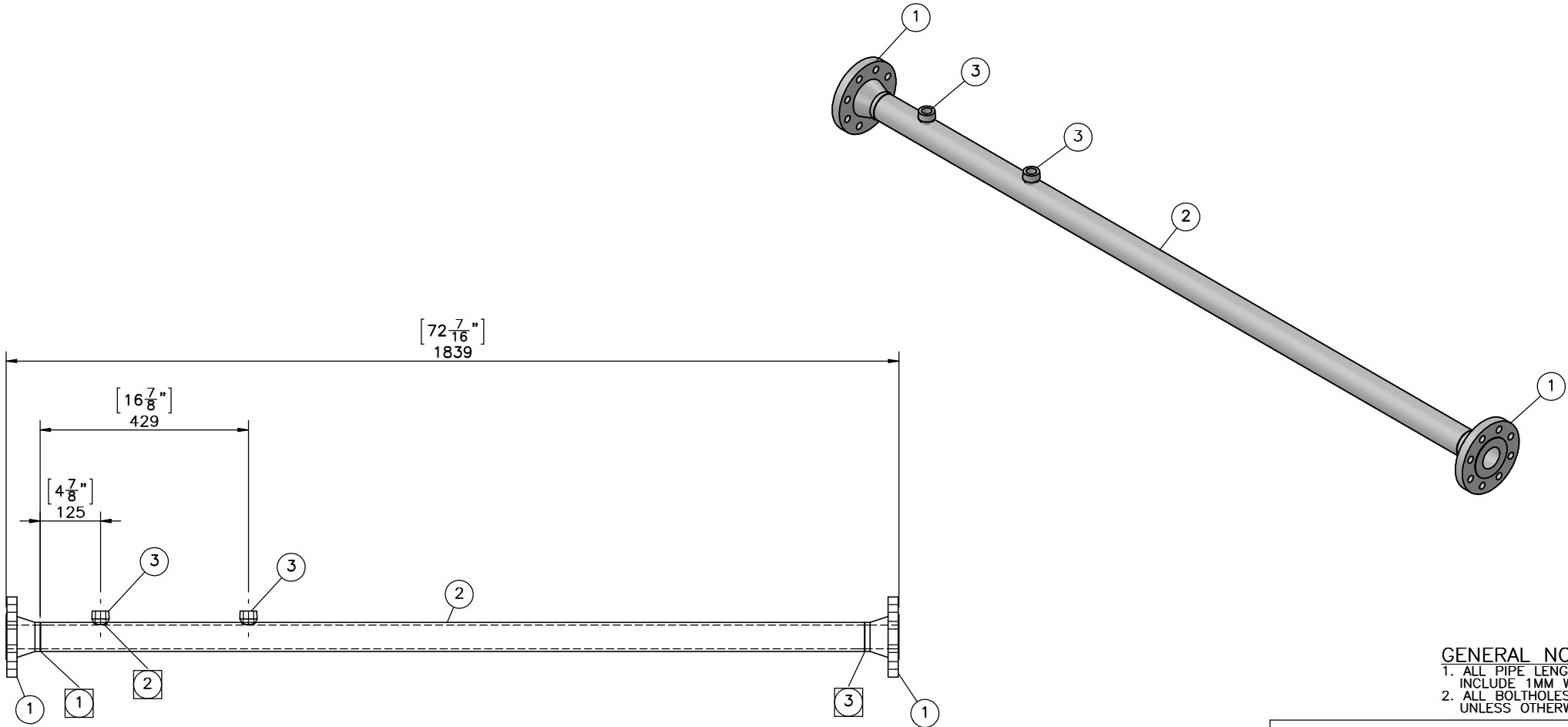
B31.3 WELD SPOOLING

BY	DATE	Customer:			
DWN	JRB	ENLYN STOCK			
CHK	MR				
ENG APP	QC, DH				
QC APP					
DWG NO:		REV	SHT	Shop Order:	
E10-D		0	20/22	E10	

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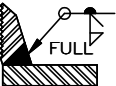
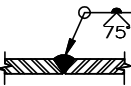
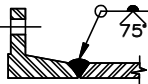
WELD IDENTIFIER	WELDER I.D	X-RAY NUMBER
1		
2		
3		

BILL OF MATERIALS					
ITEM	QTY	DESCRIPTION	CUT LIST	MATERIAL	HEAT NO
1	2	2" 300# S80 RFWN FLG		SA-105N	
2	1	2" S80 SMLS PIPE	1698mm	SA-106B	
3	2	1/2" 3M THREDOLET ON 2" RUN		SA-105N	



GENERAL NOTES:
1. ALL PIPE LENGTHS AND OVERALL DIMENSIONS
INCLUDE 1MM WELD GAPS
2. ALL BOLTHOLES STRADDLE CENTERLINES
UNLESS OTHERWISE NOTED.

CONSTRUCTION PER B31.3 2012 EDITION	
P&ID LINE NUMBER:	DR-2"-80-101
MAWP:	720 PSIG
HYDROTEST:	1080 PSIG
RADIOGRAPHY:	100%
MT:	10% FILLET
VT:	100%
PWHT PER UCS-56:	YES, 1150°F ±25°F FOR 60 MINUTES
DESIGN TEMP:	-20°C TO 100°F
PREHEAT:	50°F
IMPACT TEST:	NONE
QC PROGRAM:	AQP-1543
WELD PROCEDURE REGISTRATION:	WP-3221.2
TEST MEDIUM:	WATER
CORROSION ALLOWANCE:	1/8"
SERVICE:	NORMAL FLUID
EXT. SANDBLAST & PAINT:	SSPC-SP6 & 2 COATS DTM POLY ENAMEL QC-315 TAN

	3
WPS: EC-2, REV.1	
	6
WPS: EC-2, REV.1	
	4
WPS: EC-2, REV.1	

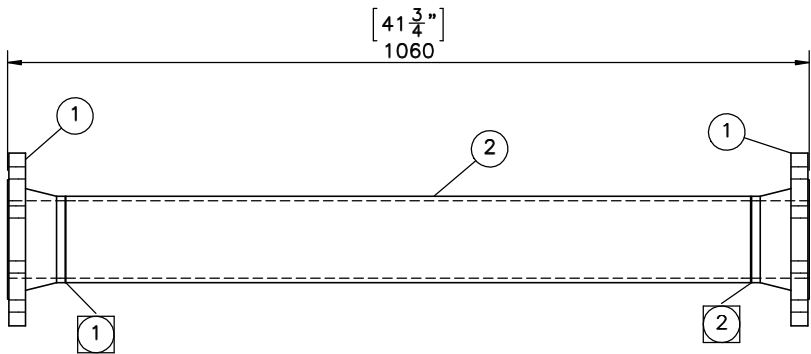
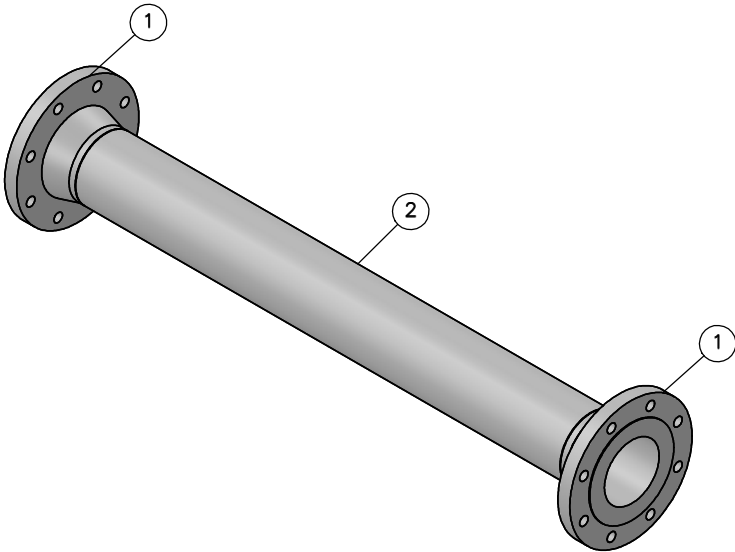
0	ISSUED FOR CONSTRUCTION	JRB	01.28.15		
REV	DESCRIPTION	DWN BY	DATE	CHK	APP
REVISIONS					

			B31.3 WELD SPOOLING				
			Customer:				
			ENLYN STOCK				
DWN	BY	DATE	DWG NO: E10-D		REV 0	SHT 21/22	Shop Order: E10
CHK	JRB						
MR							
ENG APP	QC, DH						
QC APP							

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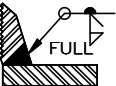
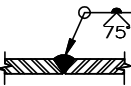
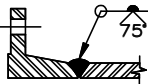
WELD IDENTIFIER	WELDER I.D	X-RAY NUMBER
1		
2		
3		

BILL OF MATERIALS					
ITEM	QTY	DESCRIPTION	CUT LIST	MATERIAL	HEAT NO
1	2	4" 150# S40 RFWN FLG		SA-105N	
2	1	4" S40 SMLS PIPE	906mm	SA-106B	



- GENERAL NOTES:
1. ALL PIPE LENGTHS AND OVERALL DIMENSIONS INCLUDE 1MM WELD GAPS
 2. ALL BOLTHOLES STRADDLE CENTERLINES UNLESS OTHERWISE NOTED.

CONSTRUCTION PER B31.3 2012 EDITION	
P&ID LINE NUMBER:	PSV-4"-40-100
MAWP:	285 PSIG
HYDROTEST:	427 PSIG
RADIOGRAPHY:	100%
MT:	10% FILLET
VT:	100%
PWHT PER UCS-56:	YES, 1150°F ±25°F FOR 60 MINUTES
DESIGN TEMP:	-20°C TO 100°F
PREHEAT:	50°F
IMPACT TEST:	NONE
QC PROGRAM:	AQP-1543
WELD PROCEDURE REGISTRATION:	WP-3221.2
TEST MEDIUM:	WATER
CORROSION ALLOWANCE:	1/8"
SERVICE:	NORMAL FLUID
EXT. SANDBLAST & PAINT:	SSPC-SP6 & 2 COATS DTM POLY ENAMEL QC-315 TAN

	3
WPS: EC-2, REV.1	
	6
WPS: EC-2, REV.1	
	4
WPS: EC-2, REV.1	

0	ISSUED FOR CONSTRUCTION	JRB	01.28.15		
REV	DESCRIPTION	DWN BY	DATE	CHK	APP
REVISIONS					



B31.3 WELD SPOOLING

DWN	BY	DATE	Customer:			
CHK	JRB		ENLYN STOCK			
ENG APP	MR		DWG NO: E10-D	REV 0	SHT 22/22	Shop Order: E10
QC APP	QC, DH					